



**An Phríomh-Oifig Staidrimh**  
Central Statistics Office

# **Report on Vital Statistics**

## **Tuarascáil ar Staidreamh Beatha**

### **2007**

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# Chapter 1

## General Summary 2007

This report has been prepared by the Central Statistics Office for the Minister for Health and Children in accordance with the provisions of Section 2 of the Vital Statistics and Births, Deaths and Marriages Registration Act, 1952 and Section 73 of the Civil Registration Act 2004.

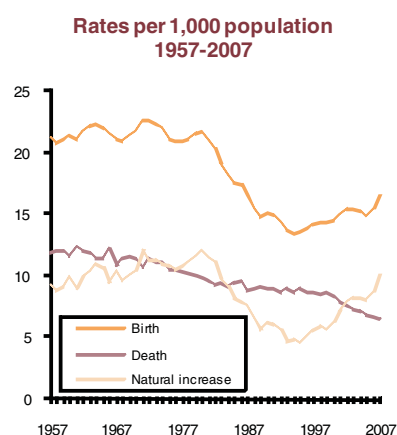
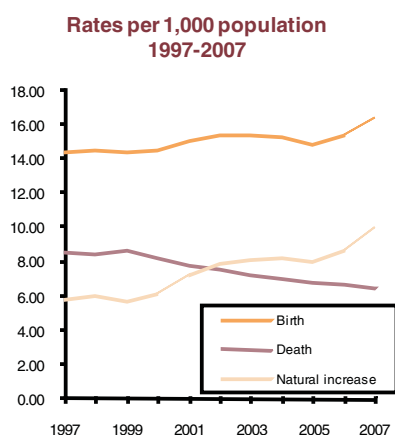
The main statistics contained in this report have already been published, classified by year of registration, in the CSO Quarterly Vital Statistics reports. This annual report gives a further breakdown in respect of births and deaths that occurred in 2007. The year of occurrence data have been compiled from registration data for 2007 and 2008.

This report includes statistics on stillbirths which became available following the introduction of a registration system under the Stillbirths Registration Act, 1994, and which replaced the series on late foetal deaths compiled up to 1994.

**Births:** The number of births which occurred during 2007 was 71,389: 36,487 males and 34,902 females. The birth rate was 16.5 per 1,000 population compared with 15.4 in 2006. Ireland had the highest fertility rate of the 27 EU member states in 2007 at 2.05 children per woman.

Almost 19% of births in 2007 were to mothers of non-Irish nationality.

The number of births outside marriage that occurred in 2007 was 23,640 or 33% of all births. See *Chapter 2*.



**Deaths:** The number of deaths occurring during 2007 was 28,117: 14,391 males and 13,726 females. The death rate was 6.5 per 1,000 population. In 2006 deaths numbered 28,488 and the rate was 6.7.

Of deaths occurring in 2007, 76% were attributed to three main chapters in the ICD-10 classification: IX diseases of the circulatory system (35.4%), II neoplasms (28.9%), and X diseases of the respiratory system (11.8%). A similar breakdown is evident for males and females. See *Chapter 3*.

**Infant Mortality:** During 2007 the number of deaths of infants under one year was 230 compared with 255 in 2006. The corresponding rate decreased from 3.9 to 3.2 per 1,000 live births. *See Chapter 4.*

**Stillbirths:** The number of stillbirths occurring during 2007 was 317 compared with 252 in 2006. The corresponding rate increased from 3.8 to 4.4 per 1,000 live and stillborn children. *See Chapter 4.*

**Population:** The estimated Population in April 2007 was 4,339,000: 2,171,100 males and 2,167,900 females.

**Issue of Authority for Registration:** Births and deaths (where no inquest has been held) which have not been registered within one year of their occurrence can be registered only on the authority of the Superintendent Registrars. The tables in the main body of this report exclude such births and deaths. The Appendix to the report contains an analysis of late death registrations in 2007 and of some deaths where an inquest has been held. The number of such deaths registered in 2007 was 730.

More up to date information on Vital Statistics is published in the Quarterly Report on Births, Deaths and Marriages published about six months after the end of the quarter to which the data relate. In the Quarterly Report, births and deaths are classified according to quarter of registration.

Births are classified according to the area of residence of the mother and deaths according to the area of residence of the deceased. Births and deaths for each year since 1943 exclude late registrations; while deaths for each of the years 1940 to 1967 exclude non-residents. From 1968 however, the number of deaths includes non-residents.



# Tables



**Table 1.1 Estimated population in thousands in each year 1851 - 2007<sup>1</sup>**

Year	Persons	Males	Females	Year	Persons	Males	Females	Year	Persons	Males	Females
1851	5,079	2,486	2,593	1911	3,132	1,586	1,546	1971	2,978	1,496	1,482
1852	4,927	2,413	2,514	1912	3,120	1,581	1,539	1972	3,024	1,519	1,505
1853	4,807	2,358	2,449	1913	3,103	1,572	1,531	1973	3,073	1,544	1,529
1854	4,704	2,311	2,393	1914	3,092	1,568	1,524	1974	3,124	1,570	1,554
1855	4,638	2,281	2,357	1915	3,068	1,546	1,522	1975	3,177	1,597	1,580
1856	4,594	2,261	2,333	1916	3,068	1,549	1,519	1976	3,228	1,623	1,605
1857	4,540	2,234	2,306	1917	3,065	1,551	1,514	1977	3,272	1,645	1,627
1858	4,506	2,217	2,289	1918	3,066	1,553	1,513	1978	3,314	1,666	1,648
1859	4,471	2,199	2,272	1919	3,102	1,598	1,504	1979	3,368	1,693	1,675
1860	4,428	2,179	2,249	1920	3,103	1,598	1,505	1980	3,401	1,709	1,692
1861	4,393	2,164	2,229	1921	3,096	1,599	1,497	1981	3,443	1,729	1,714
1862	4,377	2,158	2,219	1922	3,022	1,529	1,493	1982	3,480	1,746	1,734
1863	4,328	2,134	2,194	1923	3,014	1,526	1,488	1983	3,504	1,756	1,748
1864	4,263	2,103	2,160	1924	3,005	1,521	1,484	1984	3,529	1,767	1,762
1865	4,223	2,084	2,139	1925	2,985	1,512	1,473	1985	3,540	1,771	1,769
1866	4,163	2,051	2,112	1926	2,971	1,507	1,464	1986	3,541	1,770	1,771
1867	4,130	2,033	2,097	1927	2,957	1,502	1,455	1987	3,547	1,770	1,776
1868	4,109	2,022	2,087	1928	2,944	1,498	1,446	1988	3,531	1,759	1,772
1869	4,090	2,012	2,078	1929	2,937	1,496	1,441	1989	3,510	1,744	1,766
1870	4,062	1,996	2,066	1930	2,927	1,493	1,434	1990	3,506	1,743	1,763
1871	4,042	1,986	2,056	1931	2,933	1,497	1,436	1991	3,526	1,753	1,772
1872	4,023	1,975	2,048	1932	2,949	1,505	1,444	1992	3,555	1,768	1,786
1873	3,989	1,955	2,034	1933	2,962	1,512	1,450	1993	3,574	1,778	1,796
1874	3,966	1,944	2,022	1934	2,971	1,518	1,453	1994	3,586	1,783	1,803
1875	3,951	1,940	2,011	1935	2,971	1,520	1,451	1995	3,601	1,788	1,813
1876	3,949	1,942	2,007	1936	2,967	1,520	1,447	1996	3,626	1,800	1,826
1877	3,956	1,947	2,009	1937	2,948	1,510	1,438	1997	3,664	1,819	1,845
1878	3,952	1,948	2,004	1938	2,937	1,505	1,432	1998	3,703	1,839	1,864
1879	3,939	1,944	1,995	1939	2,934	1,503	1,431	1999	3,742	1,859	1,883
1880	3,891	1,920	1,971	1940	2,958	1,515	1,443	2000	3,790	1,883	1,907
1881	3,847	1,901	1,946	1941	2,993	1,533	1,460	2001	3,847	1,913	1,934
1882	3,808	1,882	1,926	1942	2,963	1,499	1,464	2002	3,917	1,946	1,971
1883	3,745	1,853	1,892	1943	2,946	1,490	1,456	2003	3,980	1,977	2,003
1884	3,703	1,834	1,869	1944	2,944	1,487	1,457	2004	4,045	2,012	2,033
1885	3,671	1,820	1,851	1945	2,952	1,490	1,462	2005	4,134	2,062	2,072
1886	3,642	1,808	1,834	1946	2,957	1,496	1,461	2006	4,240	2,121	2,119
1887	3,600	1,788	1,812	1947	2,974	1,505	1,469	2007	4,339	2,171	2,168
1888	3,554	1,766	1,788	1948	2,985	1,512	1,473				
1889	3,516	1,748	1,768	1949	2,981	1,513	1,468				
1890	3,482	1,733	1,749	1950	2,969	1,510	1,459				
1891	3,449	1,718	1,731	1951	2,961	1,507	1,454				
1892	3,408	1,697	1,711	1952	2,953	1,501	1,452				
1893	3,382	1,684	1,698	1953	2,949	1,498	1,451				
1894	3,362	1,675	1,687	1954	2,941	1,493	1,448				
1895	3,333	1,662	1,671	1955	2,921	1,479	1,442				
1896	3,314	1,653	1,661	1956	2,898	1,463	1,435				
1897	3,298	1,646	1,652	1957	2,885	1,456	1,429				
1898	3,283	1,640	1,643	1958	2,853	1,439	1,414				
1899	3,265	1,631	1,634	1959	2,846	1,435	1,411				
1900	3,234	1,616	1,618	1960	2,832	1,427	1,405				
1901	3,213	1,607	1,606	1961	2,818	1,417	1,402				
1902	3,200	1,603	1,597	1962	2,830	1,423	1,407				
1903	3,185	1,599	1,586	1963	2,850	1,433	1,417				
1904	3,175	1,597	1,578	1964	2,864	1,440	1,424				
1905	3,165	1,594	1,571	1965	2,876	1,446	1,430				
1906	3,160	1,593	1,567	1966	2,884	1,449	1,435				
1907	3,151	1,589	1,562	1967	2,900	1,457	1,443				
1908	3,145	1,588	1,557	1968	2,913	1,464	1,449				
1909	3,142	1,589	1,553	1969	2,926	1,470	1,455				
1910	3,139	1,588	1,551	1970	2,950	1,482	1,468				

<sup>1</sup>Data for 2007 is preliminary

**Table 1.2 Estimated population (thousands) by gender and age-group, 2003 to 2007<sup>1</sup>**

Sex and Age-group	Persons (thousands) in April of each year				
	2003	2004	2005	2006	2007
<b>Total persons</b>	<b>3,979.9</b>	<b>4,045.2</b>	<b>4,133.8</b>	<b>4,239.8</b>	<b>4,339.0</b>
Under 1 year	60.4	61.6	61.0	61.1	65.6
1 - 4 years	223.9	229.1	235.5	241.2	246.9
5 - 9 years	268.7	274.9	280.6	288.3	295.9
10 - 14 years	281.7	278.2	276.3	273.9	275.6
15 - 19 years	304.7	298.4	292.8	290.3	286.0
20 - 24 years	334.0	336.1	339.5	342.5	347.8
25 - 29 years	317.4	325.4	345.2	373.1	405.1
30 - 34 years	316.1	325.1	335.8	349.4	358.0
35 - 39 years	296.4	303.5	312.1	322.1	331.7
40 - 44 years	279.2	286.0	294.1	301.3	305.8
45 - 49 years	253.7	259.2	265.4	274.7	279.8
50 - 54 years	235.1	238.1	243.1	247.1	252.6
55 - 59 years	206.6	213.9	221.4	225.3	227.4
60 - 64 years	160.3	166.0	172.1	181.7	190.5
65 - 69 years	135.0	137.5	140.8	143.4	143.5
70 - 74 years	113.8	115.7	117.4	119.2	119.2
75 - 79 years	89.5	90.0	91.0	92.5	92.1
80 - 84 years	61.7	63.1	64.0	64.9	65.4
85 years and over	41.9	43.4	45.7	48.0	50.3
<b>Total males</b>	<b>1,976.9</b>	<b>2,011.9</b>	<b>2,061.8</b>	<b>2,121.2</b>	<b>2,171.1</b>
Under 1 year	31.0	31.5	31.5	31.3	33.7
1 - 4 years	114.4	117.2	120.2	123.3	127.0
5 - 9 years	137.8	141.2	144.3	148.0	151.3
10 - 14 years	144.4	142.8	142.0	140.5	141.3
15 - 19 years	155.9	152.7	149.8	148.2	145.4
20 - 24 years	167.0	168.2	170.0	172.8	175.0
25 - 29 years	158.6	162.9	174.1	189.3	204.7
30 - 34 years	158.2	161.8	168.7	177.5	182.6
35 - 39 years	147.4	152.4	157.8	163.8	169.1
40 - 44 years	138.9	142.5	147.1	151.4	153.6
45 - 49 years	126.9	129.7	132.9	138.0	140.6
50 - 54 years	118.5	120.1	122.9	124.6	127.1
55 - 59 years	104.9	108.5	112.0	113.9	114.9
60 - 64 years	80.7	83.8	86.7	91.6	96.0
65 - 69 years	66.0	67.3	69.1	70.9	71.3
70 - 74 years	53.2	54.6	55.7	56.5	56.6
75 - 79 years	37.3	37.8	38.8	40.1	40.6
80 - 84 years	23.4	23.9	24.3	24.7	25.0
85 years and over	12.6	13.2	14.0	14.8	15.5
<b>Total females</b>	<b>2,002.9</b>	<b>2,033.3</b>	<b>2,072.0</b>	<b>2,118.7</b>	<b>2,167.9</b>
Under 1 year	29.4	30.1	29.6	29.8	31.8
1 - 4 years	109.5	111.9	115.3	117.9	120.0
5 - 9 years	130.9	133.8	136.3	140.3	144.6
10 - 14 years	137.3	135.4	134.4	133.4	134.2
15 - 19 years	148.8	145.7	143.0	142.0	140.6
20 - 24 years	167.0	167.9	169.5	169.7	172.8
25 - 29 years	158.8	162.5	171.1	183.8	200.4
30 - 34 years	157.9	163.4	167.0	171.9	175.3
35 - 39 years	149.0	151.1	154.4	158.3	162.5
40 - 44 years	140.3	143.5	147.1	149.9	152.2
45 - 49 years	126.8	129.6	132.6	136.8	139.3
50 - 54 years	116.6	118.0	120.2	122.5	125.5
55 - 59 years	101.6	105.4	109.4	111.4	112.5
60 - 64 years	79.6	82.2	85.4	90.2	94.6
65 - 69 years	69.0	70.2	71.7	72.5	72.2
70 - 74 years	60.6	61.1	61.7	62.6	62.6
75 - 79 years	52.3	52.2	52.2	52.3	51.5
80 - 84 years	38.3	39.2	39.7	40.2	40.4
85 years and over	29.3	30.2	31.7	33.2	34.8

<sup>1</sup>Data for 2007 is preliminary

**Table 1.3 Population by sex of each County and City according to the Census of Population, 2006**

Province, County or City	Persons	Males	Females
<b>STATE</b>	<b>4,239,848</b>	<b>2,121,171</b>	<b>2,118,677</b>
<b>LEINSTER</b>	<b>2,295,123</b>	<b>1,141,320</b>	<b>1,153,803</b>
Carlow	50,349	25,611	24,738
Dublin City	506,211	248,087	258,124
South Dublin	246,935	122,371	124,564
Fingal	239,992	119,200	120,792
Dún Laoghaire-Rathdown	194,038	92,899	101,139
Kildare	186,335	94,190	92,145
Kilkenny	87,558	44,263	43,295
Laois	67,059	34,409	32,650
Longford	34,391	17,573	16,818
Louth	111,267	55,335	55,932
Meath	162,831	82,651	80,180
Offaly	70,868	35,937	34,931
Westmeath	79,346	39,819	39,527
Wexford	131,749	66,070	65,679
Wicklow	126,194	62,905	63,289
<b>MUNSTER</b>	<b>1,173,340</b>	<b>589,933</b>	<b>583,407</b>
Clare	110,950	56,048	54,902
Cork City	119,418	58,449	60,969
Cork County	361,877	182,365	179,512
Kerry	139,835	70,641	69,194
Limerick City	52,539	25,698	26,841
Limerick County	131,516	66,982	64,534
Tipperary North	66,023	33,568	32,455
Tipperary South	83,221	42,250	40,971
Waterford City	45,748	22,622	23,126
Waterford County	62,213	31,310	30,903
<b>CONNACHT</b>	<b>504,121</b>	<b>254,450</b>	<b>249,671</b>
Galway City	72,414	34,848	37,566
Galway County	159,256	81,628	77,628
Leitrim	28,950	14,903	14,047
Mayo	123,839	62,636	61,203
Roscommon	58,768	30,178	28,590
Sligo	60,894	30,257	30,637
<b>ULSTER (Part of)</b>	<b>267,264</b>	<b>135,468</b>	<b>131,796</b>
Cavan	64,003	32,915	31,088
Donegal	147,264	73,970	73,294
Monaghan	55,997	28,583	27,414

**Table 1.4 Births, deaths and natural increase and their rates per 1,000 population, 1864-2007**

Period	Births		Deaths		Natural Increase	
	Number	Rate	Number	Rate	Number	Rate
1864-1870	106,926	25.79	67,323	16.23	39,603	9.56
1871-1880	104,379	26.31	69,611	18.06	34,768	8.25
1881-1890	83,762	22.88	64,220	17.56	19,542	5.32
1891-1900	73,995	22.20	58,994	17.70	15,001	4.50
1901-1910	71,380	22.54	53,577	16.91	17,803	5.63
1911-1920	66,507	21.50	51,453	16.64	15,054	4.86
1921-1930	60,406	20.21	43,203	14.45	17,203	5.76
1931-1940	57,105	19.34	41,841	14.17	15,264	5.17
1941-1950	65,010	21.90	41,450	13.97	23,560	7.94
1951-1960	61,664	21.24	35,374	12.18	26,290	9.06
1961-1970	62,417	21.67	33,574	11.66	28,843	10.01
1971-1980	69,439	21.75	33,727	10.57	35,712	11.18
1981-1990	61,629	17.54	32,376	9.22	29,253	8.33
1991-2000	51,627	14.20	31,646	8.70	19,981	5.49
1994	48,255	13.46	30,948	8.63	17,307	4.83
1995	48,787	13.55	32,259	8.96	16,528	4.59
1996	50,655	13.97	31,723	8.75	18,932	5.22
1997	52,775	14.40	31,581	8.62	21,194	5.78
1998	53,969	14.57	31,563	8.52	22,406	6.05
1999	53,924	14.41	32,608	8.71	21,316	5.70
2000	54,789	14.46	31,391	8.28	23,398	6.17
2001	57,854	15.04	30,212	7.85	27,642	7.18
2002	60,503	15.45	29,683	7.58	30,820	7.87
2003	61,529	15.46	29,074	7.31	32,455	8.16
2004	61,972	15.33	28,665	7.09	33,307	8.24
2005	61,372	14.85	28,260	6.84	33,112	8.01
2006	65,425	15.43	28,488	6.72	36,937	8.71
2007	71,389	16.45	28,117	6.48	43,272	9.97

**Table 1.5 Births and deaths by gender, 1864-2007**

Period	Births			Deaths		
	Male	Female	Males per 1,000 females	Male	Female	Males per 1,000 females
1864-1870	54,927	51,999	1,056	33,878	33,445	1,013
1871-1880	53,604	50,775	1,056	36,224	33,387	1,085
1881-1890	43,077	40,685	1,059	32,233	31,987	1,008
1891-1900	37,982	36,013	1,055	29,468	29,526	998
1901-1910	36,666	34,714	1,056	27,031	26,546	1,018
1911-1920	34,206	32,301	1,059	26,131	25,322	1,032
1921-1930	30,983	29,423	1,053	21,850	21,353	1,023
1931-1940	29,279	27,826	1,052	21,469	20,372	1,054
1941-1950	33,495	31,515	1,063	21,726	19,724	1,101
1951-1960	31,606	30,058	1,052	18,999	16,375	1,160
1961-1970	32,053	30,364	1,056	18,221	15,353	1,187
1971-1980	35,715	33,724	1,059	18,390	15,337	1,199
1981-1990	31,747	29,882	1,062	17,572	14,804	1,187
1991-2000	26,615	25,012	1,064	16,645	15,001	1,110
1994	24,957	23,298	1,071	16,338	14,610	1,118
1995	25,153	23,634	1,064	17,075	15,184	1,124
1996	26,350	24,305	1,084	16,672	15,051	1,108
1997	27,061	25,714	1,052	16,501	15,080	1,094
1998	27,848	26,121	1,066	16,553	15,010	1,103
1999	27,817	26,107	1,065	16,961	15,647	1,084
2000	28,175	26,614	1,059	16,192	15,199	1,065
2001	29,684	28,170	1,054	15,691	14,521	1,081
2002	31,013	29,490	1,052	15,390	14,293	1,077
2003	31,455	30,074	1,046	14,882	14,192	1,049
2004	31,966	30,006	1,065	14,801	13,864	1,068
2005	31,489	29,883	1,054	14,412	13,848	1,041
2006	33,655	31,770	1,059	14,605	13,883	1,052
2007	36,487	34,902	1,045	14,391	13,726	1,048

**Table 1.6 Births and deaths by month and quarter of occurrence 1998-2007**

Period	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
<b>Births</b>										
Month ending										
January	4,346	4,452	4,467	4,797	4,770	4,979	5,170	4,941	5,074	5,611
February	3,994	4,075	4,267	4,310	4,613	4,552	4,767	4,552	4,774	5,006
March	4,599	4,577	4,584	4,741	5,061	5,239	5,254	5,225	5,428	5,812
April	4,655	4,493	4,460	4,683	4,926	5,121	5,102	4,922	5,100	5,598
May	4,564	4,582	4,677	4,892	5,112	5,405	5,088	5,109	5,585	6,124
June	4,522	4,654	4,589	4,684	4,984	5,199	5,162	5,174	5,556	5,885
July	4,853	4,631	4,745	5,173	5,229	5,453	5,409	5,555	5,652	6,251
August	4,521	4,479	4,652	5,099	5,212	5,171	5,210	5,322	5,862	6,520
September	4,804	4,628	4,680	5,081	5,325	5,289	5,434	5,338	5,837	6,355
October	4,501	4,440	4,656	4,924	5,369	5,296	5,092	5,078	5,622	6,239
November	4,173	4,312	4,566	4,773	4,833	4,793	5,087	5,050	5,520	5,960
December	4,437	4,601	4,446	4,697	5,069	5,032	5,197	5,106	5,415	6,028
Quarter ending										
March	12,939	13,104	13,318	13,848	14,444	14,770	15,191	14,718	15,276	16,429
June	13,741	13,729	13,726	14,259	15,022	15,725	15,352	15,205	16,241	17,607
September	14,178	13,738	14,077	15,353	15,766	15,913	16,053	16,215	17,351	19,126
December	13,111	13,353	13,668	14,394	15,271	15,121	15,376	15,234	16,557	18,227
Total	53,969	53,924	54,789	57,854	60,503	61,529	61,972	61,372	65,425	71,389
Quarter ending	Equivalent annual birth rate per 1,000 corresponding population									
March	14.0	14.0	14.1	14.4	14.7	14.8	15.0	14.2	14.4	15.1
June	14.8	14.7	14.5	14.8	15.3	15.8	15.2	14.7	15.3	16.2
September	15.3	14.7	14.9	16.0	16.1	16.0	15.9	15.7	16.4	17.6
December	14.2	14.3	14.4	15.0	15.6	15.2	15.2	14.7	15.6	16.8
Total	14.6	14.4	14.5	15.0	15.4	15.5	15.3	14.8	15.4	16.5
<b>Deaths</b>										
Month ending										
January	2,926	3,744	3,926	2,909	2,814	2,666	2,893	2,801	2,667	2,652
February	2,701	3,009	2,764	2,529	2,372	2,433	2,466	2,398	2,432	2,545
March	3,129	2,957	2,560	2,872	2,768	2,599	2,542	2,660	2,739	2,578
April	2,752	2,591	2,661	2,525	2,577	2,537	2,383	2,485	2,505	2,399
May	2,589	2,480	2,483	2,493	2,386	2,370	2,284	2,385	2,337	2,177
June	2,396	2,469	2,456	2,262	2,352	2,267	2,245	2,217	2,155	2,207
July	2,467	2,330	2,396	2,426	2,408	2,171	2,198	2,112	2,308	2,228
August	2,399	2,360	2,226	2,306	2,190	2,173	2,187	2,076	2,132	2,205
September	2,313	2,313	2,150	2,293	2,266	2,156	2,118	2,154	2,191	2,079
October	2,593	2,542	2,512	2,388	2,472	2,571	2,409	2,254	2,168	2,266
November	2,446	2,471	2,517	2,425	2,362	2,492	2,343	2,233	2,283	2,197
December	2,852	3,342	2,740	2,784	2,716	2,639	2,597	2,485	2,571	2,584
Quarter ending										
March	8,756	9,710	9,250	8,310	7,954	7,698	7,901	7,859	7,838	7,775
June	7,737	7,540	7,600	7,280	7,315	7,174	6,912	7,087	6,997	6,783
September	7,179	7,003	6,772	7,025	6,864	6,500	6,503	6,342	6,631	6,512
December	7,891	8,355	7,769	7,597	7,550	7,702	7,349	6,972	7,022	7,047
Total	31,563	32,608	31,391	30,212	29,683	29,074	28,665	28,260	28,488	28,117
Quarter ending	Equivalent annual death rate per 1,000 corresponding population									
March	9.5	10.4	9.8	8.6	8.1	7.7	7.8	7.6	7.4	7.2
June	8.4	8.1	8.0	7.6	7.5	7.2	6.8	6.9	6.6	6.3
September	7.8	7.5	7.1	7.3	7.0	6.5	6.4	6.1	6.3	6.0
December	8.5	8.9	8.2	7.9	7.7	7.7	7.3	6.7	6.6	6.5
Total	8.5	8.7	8.3	7.9	7.6	7.3	7.1	6.8	6.7	6.5

Table 1.7 Births by date of occurrence, in

Date of occurrence	January			February			March		
	Males	Females	Total	Males	Females	Total	Males	Females	Total
1st	60	61	121	116	96	212	92	98	190
2nd	109	93	202	89	84	173	92	112	204
3rd	118	97	215	74	66	140	93	67	160
4th	101	115	216	63	63	126	69	58	127
5th	87	97	184	83	79	162	108	92	200
6th	62	57	119	93	100	193	119	114	233
7th	78	57	135	98	86	184	107	101	208
8th	102	97	199	110	110	220	120	108	228
9th	109	108	217	81	89	170	107	105	212
10th	85	99	184	71	72	143	78	95	173
11th	111	96	207	81	57	138	80	58	138
12th	103	99	202	93	97	190	97	99	196
13th	68	71	139	101	103	204	104	110	214
14th	73	67	140	109	95	204	105	99	204
15th	103	102	205	86	112	198	90	93	183
16th	104	94	198	118	97	215	97	101	198
17th	103	93	196	79	57	136	79	83	162
18th	98	120	218	58	65	123	67	60	127
19th	103	87	190	105	85	190	77	68	145
20th	78	47	125	117	95	212	113	107	220
21st	75	72	147	114	94	208	132	108	240
22nd	97	98	195	109	93	202	137	101	238
23rd	108	82	190	86	98	184	102	95	197
24th	104	96	200	93	68	161	65	72	137
25th	99	108	207	65	70	135	60	72	132
26th	104	89	193	90	92	182	87	92	179
27th	71	81	152	111	80	191	119	107	226
28th	72	54	126	111	99	210	108	104	212
29th	107	90	197	-	-	-	106	100	206
30th	88	113	201	-	-	-	85	103	188
31st	88	103	191	-	-	-	79	56	135
<b>Total</b>	<b>2,868</b>	<b>2,743</b>	<b>5,611</b>	<b>2,604</b>	<b>2,402</b>	<b>5,006</b>	<b>2,974</b>	<b>2,838</b>	<b>5,812</b>

Date of Occurrence	July			August			September		
	Males	Females	Total	Males	Females	Total	Males	Females	Total
1st	84	76	160	117	132	249	85	84	169
2nd	114	86	200	142	113	255	82	56	138
3rd	109	109	218	126	129	255	110	101	211
4th	106	101	207	94	71	165	118	120	238
5th	120	115	235	82	77	159	121	115	236
6th	105	114	219	79	78	157	128	97	225
7th	78	79	157	126	104	230	101	129	230
8th	77	79	156	118	112	230	86	74	160
9th	123	96	219	126	116	242	93	73	166
10th	117	107	224	124	115	239	98	100	198
11th	104	106	210	89	81	170	115	129	244
12th	122	113	235	71	86	157	112	105	217
13th	103	115	218	102	103	205	140	115	255
14th	97	76	173	119	128	247	112	96	208
15th	64	91	155	129	130	259	72	93	165
16th	115	117	232	112	132	244	82	75	157
17th	127	115	242	108	92	200	132	108	240
18th	130	112	242	78	78	156	143	121	264
19th	116	91	207	92	70	162	122	115	237
20th	111	106	217	93	95	188	123	122	245
21st	79	84	163	110	116	226	108	108	216
22nd	89	67	156	130	115	245	95	83	178
23rd	97	111	208	110	116	226	89	87	176
24th	106	103	209	120	105	225	106	125	231
25th	121	118	239	90	89	179	138	114	252
26th	112	121	233	82	63	145	136	125	261
27th	104	91	195	93	93	186	144	124	268
28th	77	74	151	108	120	228	127	117	244
29th	60	62	122	134	115	249	85	88	173
30th	108	106	214	99	125	224	64	89	153
31st	111	124	235	126	92	218	-	-	-
<b>Total</b>	<b>3,186</b>	<b>3,065</b>	<b>6,251</b>	<b>3,329</b>	<b>3,191</b>	<b>6,520</b>	<b>3,267</b>	<b>3,088</b>	<b>6,355</b>



**each month during 2007**

Date of occurrence	April			May			June		
	Males	Females	Total	Males	Females	Total	Males	Females	Total
1st	67	64	131	112	114	226	100	97	197
2nd	85	91	176	92	125	217	68	84	152
3rd	115	105	220	133	122	255	64	71	135
4th	88	102	190	81	112	193	63	54	117
5th	101	105	206	92	80	172	104	86	190
6th	111	88	199	65	73	138	116	119	235
7th	77	80	157	81	72	153	121	124	245
8th	72	70	142	101	107	208	109	121	230
9th	74	81	155	124	112	236	79	86	165
10th	111	116	227	112	109	221	69	94	163
11th	106	97	203	91	113	204	114	99	213
12th	100	113	213	91	93	184	125	102	227
13th	94	108	202	74	68	142	106	97	203
14th	73	92	165	94	89	183	103	89	192
15th	65	56	121	105	111	216	102	96	198
16th	91	103	194	117	118	235	89	64	153
17th	118	100	218	127	116	243	76	83	159
18th	121	89	210	95	90	185	117	105	222
19th	99	98	197	82	67	149	120	114	234
20th	116	114	230	69	70	139	108	133	241
21st	86	73	159	105	108	213	101	124	225
22nd	74	68	142	117	128	245	99	113	212
23rd	104	103	207	121	96	217	87	77	164
24th	98	98	196	121	107	228	62	81	143
25th	102	118	220	100	106	206	124	110	234
26th	105	108	213	72	80	152	120	104	224
27th	95	97	192	79	67	146	124	103	227
28th	72	84	156	104	88	192	125	108	233
29th	70	74	144	108	99	207	113	104	217
30th	109	104	213	113	94	207	76	59	135
31st	-	-	-	118	94	212	-	-	-
<b>Total</b>	<b>2,799</b>	<b>2,799</b>	<b>5,598</b>	<b>3,096</b>	<b>3,028</b>	<b>6,124</b>	<b>2,984</b>	<b>2,901</b>	<b>5,885</b>

Date of Occurrence	October			November			December		
	Males	Females	Total	Males	Females	Total	Males	Females	Total
1st	134	86	220	112	112	224	76	77	153
2nd	121	116	237	103	114	217	75	71	146
3rd	118	128	246	89	75	164	108	101	209
4th	123	113	236	73	68	141	126	97	223
5th	126	113	239	100	106	206	101	106	207
6th	87	85	172	134	109	243	115	110	225
7th	79	85	164	113	114	227	109	80	189
8th	100	90	190	101	130	231	72	77	149
9th	123	114	237	94	98	192	74	70	144
10th	127	106	233	83	82	165	120	97	217
11th	131	111	242	69	70	139	112	113	225
12th	119	94	213	96	116	212	120	105	225
13th	72	61	133	123	113	236	127	100	227
14th	73	54	127	101	117	218	137	102	239
15th	102	95	197	111	90	201	90	88	178
16th	118	101	219	96	102	198	70	70	140
17th	113	118	231	82	74	156	115	108	223
18th	122	106	228	77	84	161	110	128	238
19th	120	109	229	100	113	213	142	112	254
20th	77	82	159	119	108	227	139	136	275
21st	80	57	137	117	109	226	139	115	254
22nd	101	115	216	118	99	217	85	76	161
23rd	102	104	206	98	91	189	82	67	149
24th	107	109	216	94	70	164	77	77	154
25th	103	108	211	97	73	170	61	67	128
26th	112	109	221	105	92	197	65	67	132
27th	89	68	157	102	118	220	103	127	230
28th	87	79	166	105	107	212	112	119	231
29th	82	68	150	99	89	188	75	85	160
30th	89	98	187	101	105	206	86	75	161
31st	112	108	220	-	-	-	96	86	182
<b>Total</b>	<b>3,249</b>	<b>2,990</b>	<b>6,239</b>	<b>3,012</b>	<b>2,948</b>	<b>5,960</b>	<b>3,119</b>	<b>2,909</b>	<b>6,028</b>

Table 1.8 Deaths by date of occurrence, in

Date of occurrence	January			February			March		
	Males	Females	Total	Males	Females	Total	Males	Females	Total
1st	45	41	86	42	41	83	47	48	95
2nd	46	40	86	43	45	88	44	47	91
3rd	35	53	88	38	51	89	52	32	84
4th	25	45	70	45	41	86	52	52	104
5th	44	40	84	37	46	83	39	42	81
6th	43	41	84	46	42	88	44	49	93
7th	38	50	88	47	37	84	56	45	101
8th	38	40	78	42	42	84	43	32	75
9th	38	42	80	57	44	101	47	37	84
10th	42	43	85	44	50	94	43	40	83
11th	46	50	96	57	39	96	49	35	84
12th	56	53	109	62	43	105	39	41	80
13th	46	37	83	51	46	97	43	43	86
14th	43	40	83	37	30	67	47	46	93
15th	36	40	76	53	43	96	38	36	74
16th	44	47	91	39	51	90	53	37	90
17th	34	52	86	36	55	91	29	32	61
18th	33	44	77	49	50	99	37	42	79
19th	40	40	80	43	54	97	38	43	81
20th	53	44	97	40	43	83	32	35	67
21st	40	37	77	44	40	84	49	42	91
22nd	42	45	87	47	34	81	42	34	76
23rd	59	39	98	51	43	94	40	43	83
24th	38	37	75	44	44	88	33	37	70
25th	48	38	86	47	47	94	42	37	79
26th	45	46	91	46	48	94	33	41	74
27th	47	39	86	60	51	111	41	48	89
28th	57	49	106	40	58	98	44	31	75
29th	32	38	70	-	-	-	49	33	82
30th	39	43	82	-	-	-	45	42	87
31st	40	47	87	-	-	-	47	39	86
<b>Total</b>	<b>1,312</b>	<b>1,340</b>	<b>2,652</b>	<b>1,287</b>	<b>1,258</b>	<b>2,545</b>	<b>1,337</b>	<b>1,241</b>	<b>2,578</b>

Date of Occurrence	July			August			September		
	Males	Females	Total	Males	Females	Total	Males	Females	Total
1st	42	47	89	34	33	67	33	31	64
2nd	47	44	91	36	39	75	32	44	76
3rd	34	30	64	40	42	82	40	45	85
4th	33	34	67	29	31	60	38	33	71
5th	39	29	68	40	37	77	37	36	73
6th	37	27	64	33	37	70	35	36	71
7th	32	42	74	40	46	86	45	40	85
8th	40	33	73	31	36	67	31	29	60
9th	44	30	74	37	42	79	42	26	68
10th	36	36	72	32	38	70	43	44	87
11th	26	34	60	34	47	81	31	37	68
12th	39	34	73	30	26	56	33	42	75
13th	35	38	73	29	32	61	24	36	60
14th	35	43	78	43	29	72	35	38	73
15th	32	41	73	39	34	73	35	27	62
16th	35	35	70	34	36	70	37	33	70
17th	44	43	87	22	22	44	32	37	69
18th	49	32	81	37	47	84	33	31	64
19th	37	42	79	28	35	63	33	36	69
20th	30	25	55	42	23	65	36	32	68
21st	29	34	63	38	30	68	42	22	64
22nd	48	26	74	40	34	74	24	34	58
23rd	39	37	76	40	33	73	32	41	73
24th	29	36	65	42	37	79	36	26	62
25th	35	33	68	38	39	77	49	24	73
26th	38	34	72	33	24	57	32	30	62
27th	42	31	73	33	43	76	28	39	67
28th	22	37	59	37	39	76	41	33	74
29th	45	26	71	38	32	70	30	32	62
30th	32	34	66	38	36	74	28	38	66
31st	44	32	76	42	37	79	-	-	-
<b>Total</b>	<b>1,149</b>	<b>1,079</b>	<b>2,228</b>	<b>1,109</b>	<b>1,096</b>	<b>2,205</b>	<b>1,047</b>	<b>1,032</b>	<b>2,079</b>

each month during 2007

Date of occurrence	April			May			June		
	Males	Females	Total	Males	Females	Total	Males	Females	Total
1st	67	43	110	28	36	64	31	40	71
2nd	50	34	84	34	39	73	35	35	70
3rd	45	34	79	31	37	68	37	37	74
4th	40	51	91	39	31	70	51	40	91
5th	41	54	95	40	43	83	35	34	69
6th	33	46	79	39	29	68	41	48	89
7th	34	39	73	38	34	72	34	29	63
8th	32	34	66	33	35	68	41	46	87
9th	55	53	108	36	41	77	33	32	65
10th	60	24	84	38	30	68	32	48	80
11th	30	40	70	33	43	76	47	46	93
12th	32	43	75	39	39	78	36	36	72
13th	39	39	78	34	36	70	32	25	57
14th	37	45	82	37	37	74	38	47	85
15th	42	45	87	37	26	63	34	29	63
16th	35	40	75	39	37	76	33	30	63
17th	38	39	77	31	32	63	34	31	65
18th	42	35	77	40	38	78	45	42	87
19th	36	41	77	39	37	76	34	37	71
20th	38	37	75	22	36	58	47	30	77
21st	36	34	70	37	22	59	38	30	68
22nd	44	40	84	30	35	65	33	32	65
23rd	39	37	76	42	35	77	34	39	73
24th	38	34	72	38	29	67	33	33	66
25th	39	34	73	37	34	71	42	39	81
26th	30	30	60	41	29	70	42	24	66
27th	37	52	89	36	28	64	47	40	87
28th	44	29	73	35	31	66	37	39	76
29th	36	30	66	22	36	58	34	37	71
30th	48	46	94	38	34	72	36	26	62
31st	-	-	-	46	39	85	-	-	-
<b>Total</b>	<b>1,217</b>	<b>1,182</b>	<b>2,399</b>	<b>1,109</b>	<b>1,068</b>	<b>2,177</b>	<b>1,126</b>	<b>1,081</b>	<b>2,207</b>

Date of Occurrence	October			November			December		
	Males	Females	Total	Males	Females	Total	Males	Females	Total
1st	37	27	64	33	41	74	38	48	86
2nd	34	41	75	34	36	70	53	22	75
3rd	40	38	78	33	30	63	40	35	75
4th	38	25	63	35	31	66	45	38	83
5th	31	32	63	36	47	83	36	34	70
6th	37	34	71	37	30	67	35	30	65
7th	46	44	90	49	30	79	56	38	94
8th	36	40	76	33	37	70	40	44	84
9th	34	41	75	26	35	61	42	40	82
10th	35	29	64	43	39	82	48	35	83
11th	32	33	65	39	43	82	34	35	69
12th	44	41	85	40	42	82	37	38	75
13th	22	33	55	48	28	76	54	32	86
14th	29	40	69	48	34	82	43	37	80
15th	47	28	75	53	26	79	31	38	69
16th	37	32	69	28	33	61	48	28	76
17th	42	31	73	41	27	68	35	37	72
18th	42	38	80	34	27	61	60	34	94
19th	50	27	77	38	31	69	49	49	98
20th	46	25	71	36	40	76	43	42	85
21st	35	34	69	36	35	71	38	41	79
22nd	50	52	102	32	31	63	47	43	90
23rd	33	37	70	45	38	83	28	52	80
24th	27	36	63	37	28	65	42	38	80
25th	31	34	65	42	27	69	52	37	89
26th	34	45	79	33	36	69	47	34	81
27th	50	35	85	41	36	77	52	54	106
28th	46	39	85	33	46	79	53	52	105
29th	36	28	64	46	39	85	49	43	92
30th	27	42	69	47	38	85	52	41	93
31st	44	33	77	-	-	-	43	45	88
<b>Total</b>	<b>1,172</b>	<b>1,094</b>	<b>2,266</b>	<b>1,156</b>	<b>1,041</b>	<b>2,197</b>	<b>1,370</b>	<b>1,214</b>	<b>2,584</b>



# Chapter 2

## Births 2007

The number of births which occurred in 2007 was 71,389 comprising 36,487 males and 34,902 females. The corresponding total for 2006 was 65,425, 33,655 males and 31,770 females. The birth rate in 2007 was 16.5 per 1,000 of the population, 1.1 births per 1,000 above 2006. In the case of multiple births, each child was counted as an individual birth. See *table 2.19*.

**Table I**      **Number of births in Ireland\* and birth rates per 1,000 population in Ireland and neighbouring countries, 1941 to 2007**

Period	Numbers of births (in thousands) Ireland*	Birth rate per 1,000 population			
		Ireland	Northern Ireland	England and Wales	Scotland
1941-1950 <sup>1</sup>	65.0	21.9	22.4	16.9	18.8
1951-1960 <sup>1</sup>	61.7	21.2	21.3	15.8	18.5
1961-1970 <sup>1</sup>	62.4	21.7	22.4	17.5	18.8
1971-1980 <sup>1</sup>	69.4	21.8	18.1	13.2	13.6
1981-1990 <sup>1</sup>	61.6	17.6	17.4	13.2	12.9
1991-2000 <sup>1</sup>	51.6	14.2	14.5	12.6	11.8
1993	49.3	13.8	15.3	13.1	12.4
1994	48.3	13.5	14.8	12.9	12.0
1995	48.8	13.5	14.5	12.5	11.7
1996	50.7	14.0	14.8	12.5	11.6
1997	52.8	14.4	14.5	12.3	11.6
1998	54.0	14.6	14.0	12.1	11.2
1999	53.9	14.4	13.6	11.8	10.8
2000	54.8	14.5	12.7	11.6	10.4
2001	57.9	15.0	13.0	11.4	10.4
2002	60.5	15.4	12.6	11.4	10.1
2003	61.5	15.5	12.7	11.8	10.4
2004	62.0	15.3	13.0	12.1	10.6
2005	61.4	14.8	12.9	12.1	10.7
2006	65.4	15.4	13.4	12.5	10.9
2007	71.4	16.4	13.9	12.8	11.2

\* Exclusive of Northern Ireland.

<sup>1</sup> Average annual number of births and birth rates for decennial periods 1941-2000.

## Total Period Fertility Rate

The total period fertility rate (TPFR) is derived from the age-specific fertility rates (ASFR). It gives the theoretical average number of children who would be born alive to a woman during her lifetime if she were to pass through her childbearing years conforming to the age-specific fertility rates of a given year. A value of 2.1 is generally taken to be the level at which a generation would replace itself in the long run, ignoring migration.

The TPFR has fallen by 37% in the past 30 years, from 3.27 in 1977 to 2.05 in 2007. In Ireland, it dropped below the replacement level in 1989 and again in 1991 and has remained there since. However, the rate in 2007 was the highest in the last 16 years, since 1991 when it was 2.09. The fertility rate increased across all age groups of child-bearing age. See table 2.1.

Ireland had the highest fertility rate of the 27 EU member states in 2007. France and the UK followed with rates of 1.98 and 1.92 respectively. Slovakia, Romania and Poland had the lowest rates of 1.25, 1.30 and 1.31 respectively.

**Table II Total fertility rates in the European Union<sup>1</sup> in 2007**

Area of residence	Total fertility rate	Area of Residence	Total fertility rate
<b>European Union (27 Countries)</b>	<b>1.55 (e)</b>		
Belgium	1.80	Luxembourg	1.61
Bulgaria	1.42	Hungary	1.32
Czech Republic	1.44	Malta	1.37
Denmark	1.84	Netherlands	1.72
Germany	1.37	Austria	1.38
Estonia	1.63	Poland	1.31
<b>Ireland</b>	<b>2.05</b>	Portugal	1.33
Greece	1.41	Romania	1.30
Spain	1.40	Slovenia	1.38
France	1.98	Slovakia	1.25
Italy	1.37	Finland	1.83
Cyprus	1.39	Sweden	1.88
Latvia	1.41	United Kingdom	1.92
Lithuania	1.35		

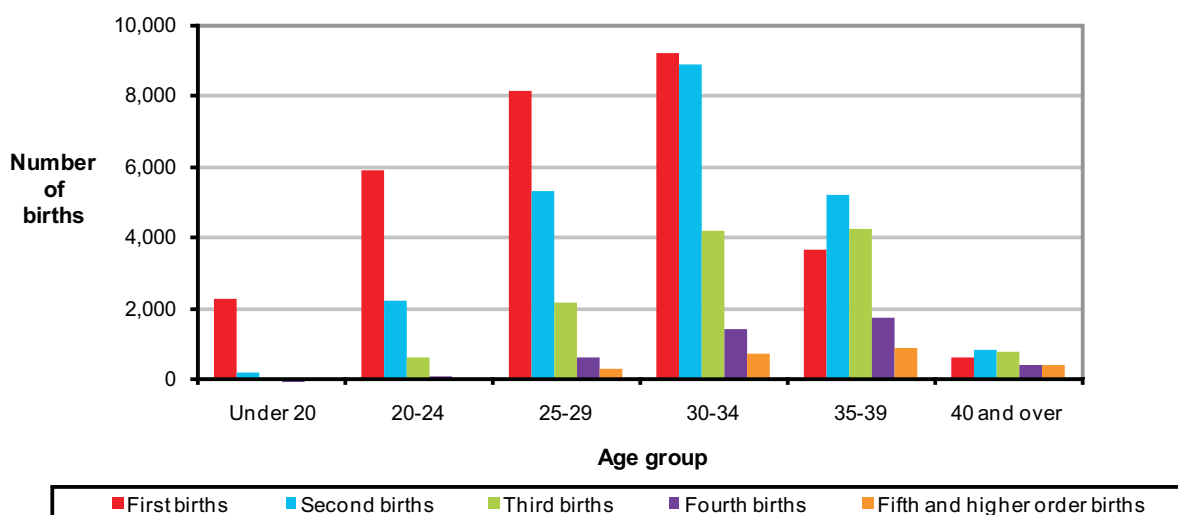
<sup>1</sup>Data is for 2007 with the exception of Belgium where the latest available data prior to 2007 is used.

(e) Eurostat estimate

## Birth Order

A total of 29,620 births (41%) were to first time mothers in 2007. Second time mothers had 22,581 births (32%) and third time mothers had 11,904 births (17%). Mothers who already had three or more live born children, accounted for the remaining 9.4% of births. See table 2.8.

## Live births by mother's age and birth order in 2007



## Age at maternity

In 1977, mothers under 30 years of age accounted for 60.6% of births. The proportion declined fairly steadily to reach 39.5% in 2006 and 39.2% in 2007. In Northern Ireland, in 2007 half of all mothers were under 30 years, while in England and Wales, and Scotland, 52% of mothers were aged under 30 years.

In 2007, almost 7% of all females aged in their twenties gave birth and almost 12% of all females aged in their thirties gave birth.

The average age of mothers at maternity in Ireland in 2007 was 31.1 years. The average age in 2006 was also 31.1 years, while 30 years earlier the average age was 2.3 years lower, at 28.8 years.

In Northern Ireland, the average age at maternity in 2007 was 29.8 years, while in England and Wales, and Scotland it was 29.5 years and 29.0 years respectively.

**Table III Percentage distribution of births according to age of mother at maternity**

Age at maternity	Ireland*			Northern Ireland	England and Wales	Scotland
	1977	2006	2007	2007	2007	2007
Under 20 years	4.6	3.6	3.5	5.7	6.5	7.4
20-24	23.5	12.8	12.5	16.5	19.0	18.9
25-29	32.6	23.1	23.2	27.8	26.5	25.8
30-34	23.9	34.2	34.2	29.7	27.7	27.0
35-39	11.4	22.0	22.2	17.1	16.7	17.4
40-44	3.7	4.1	4.2	3.0	3.5	3.2
45 years and over	0.3	0.2	0.2	0.1	0.2	0.1
<b>Total</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>
<b>Average age at maternity</b>	<b>28.8</b>	<b>31.1</b>	<b>31.1</b>	<b>29.8</b>	<b>29.5</b>	<b>29.0</b>

\* Exclusive of Northern Ireland

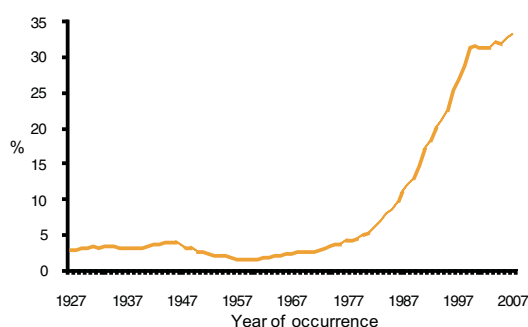
## Births outside marriage

The total number of births outside marriage in 2007 was 23,640, 33.1% of all births. In 2006, the corresponding percentage was 32.7%.

The lowest ever number of births outside marriage was recorded in 1959. The graph illustrates the steady increase in the percentage of births outside marriage, notably since 1980.

The highest percentage of births outside marriage occurred in Limerick City at 54.4%, while the county with the lowest percentage was County Galway at 22.5%. See table 2.19.

**% of births outside marriage  
1927-2007**



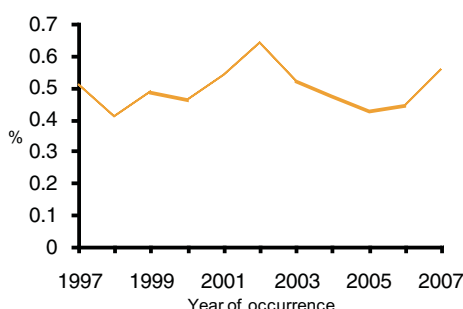
## Multiple births

The number of maternities in 2007 which resulted in multiple live births was 1,133 consisting of 1,105 sets of twins, 26 sets of triplets and one set of quadruplets. This is equivalent to a “twinning rate” of 15.7 (i.e. the number of sets of live twins per 1,000 maternities which resulted in live births). See table 2.18

## Domiciliary births

There were 399 babies born at home in 2007. This compares to 293 in 2006. Such births have dropped from one in three births in the early 1950's to only six in every thousand in 2007. See table 2.15.

Domiciliary births percentages  
1997-2007



## Nationality of mother

In almost 7% of births in 2007 the nationality of the mother was not stated. For the remainder of mothers, 81.1% were of Irish nationality, 2.6% of UK nationality, 1.3% of EU-15 (excluding Ireland and the UK) nationality, 6.6% of EU-27 (excluding EU-15) nationality and the remaining 8.3% of other nationality.

The average age at maternity differed by nationality of mother in 2007. The highest average age at maternity was for mothers of EU-15 (excluding Ireland and the UK) nationality, 32.5 years, while the lowest was for mothers of EU-27 (excluding EU-15) nationality, 27.0 years. The average age for mothers of Irish nationality was 31.5 years. The differences in average age at maternity can be affected by the age structure of the population for each nationality group. See table 2.22.

## Live births

The terms used in relation to live births are defined as follows:

**Parity:** Parity is the number of previous live born children to a woman.

**Birth Order:** Birth order is the number of live born children a woman has in the order in which they are born.

**Parity and Birth Order:** A first birth relates to parity 0 or birth order 1, i.e. birth order = parity + 1.

**Crude birth rate (CBR):** The number of live births divided by the total population at that age (or age group), multiplied by 1,000.

**Age specific fertility rate (ASFR):** The number of live births at a certain age (or age group) divided by the female population at that age (or age group) multiplied by 1,000.

**Total period fertility rate (TPFR):** The sum of the ASFRs, divided by 1,000, i.e. the expected number of children a woman will have in her lifetime based on the fertility of that year.

$$TPFR = \sum_{15}^{49} asfr / 1,000 \cong {}_5TPFR = 5 \sum_{15-19}^{45-49} asfr / 1,000$$



*Age specific reproduction rate (ASRR):* The number of female live births at a certain age (or age group) divided by the female population at that age (or age group), multiplied by 1,000.

*Gross reproduction rate (GRR):* The sum of the ASRRs divided by 1,000, i.e. the expected number of daughters a woman will have in her lifetime based on the fertility of that year.

*Net reproduction rate (NRR):* The sum of the products of the ASRRs and the expected number of female years to be lived at that age, divided by 1,000, i.e. the GRR adjusted for female mortality.

The difference between the gross and net reproduction rates is an indicator of female mortality.

*Average age at maternity:* 0.5 plus the sum of the products of the ages at maternity of live births and their ages divided by the number of live births.

$$average\ age = 0.5 + \frac{\sum_{x=15}^{49} xf_x}{\sum_{x=15}^{49} f_x}$$

*Average age at maternity of first birth:* 0.5 plus the sum of the products of the ages at maternity of first live births and their ages divided by the number of first live births.

Childbearing years are regarded as between the ages of 15 and 49.

Live births to mothers aged less than 15 are included in the age 15 category and are divided by the age 15 population. Similarly live births to mothers aged greater than 49 are included in the age 49 category and are divided by the age 49 population.

Average of mean ages: Live births where the age at maternity is not stated are excluded from the calculation.



# Tables

**Table 2.1 Total period of fertility rate (TPFR) and age specific fertility rates (ASFR), 1965-2007**

Year	ASFR							TPFR
	15-19	20-24	25-29	30-34	35-39	40-44	45-49	All ages
1965	14.0	125.1	236.1	218.9	150.3	57.6	4.2	4.03
1966	13.5	128.1	232.5	213.1	144.4	54.9	4.3	3.95
1967	14.5	129.7	220.0	208.3	138.6	52.9	4.4	3.84
1968	14.1	134.8	222.5	197.8	133.8	48.5	4.1	3.78
1969	15.4	139.7	228.7	199.5	133.1	48.1	4.4	3.85
1970	16.3	145.5	228.7	201.9	131.9	45.3	3.7	3.87
1971	19.1	150.3	243.5	200.5	131.7	46.6	3.3	3.98
1972	21.3	152.1	241.5	187.6	125.7	43.4	3.4	3.88
1973	22.4	149.9	235.0	181.2	115.6	41.3	2.7	3.74
1974	22.6	145.4	229.5	171.9	111.2	39.9	2.8	3.62
1975	22.8	138.5	216.0	162.2	100.2	36.8	2.6	3.40
1976	21.9	133.7	211.7	162.2	94.9	34.8	3.1	3.31
1977	21.2	130.4	205.5	166.7	93.9	33.2	3.0	3.27
1978	21.8	126.2	201.7	167.8	96.5	31.1	2.8	3.24
1979	22.7	125.9	202.5	168.4	94.1	29.9	2.3	3.23
1980	23.0	125.3	202.3	165.7	97.3	29.6	2.3	3.23
1981	22.2	117.4	190.3	161.5	93.6	26.5	2.4	3.07
1982	20.7	110.2	185.0	156.9	91.6	24.9	2.2	2.96
1983	18.7	102.6	172.3	146.9	84.6	25.0	1.7	2.76
1984	18.0	95.4	163.3	138.4	78.9	21.8	1.9	2.59
1985	16.6	87.2	158.6	138.4	75.3	21.6	1.5	2.50
1986	16.4	83.1	154.3	139.0	73.4	21.2	1.5	2.44
1987	16.1	75.4	147.9	132.3	68.6	19.8	1.3	2.31
1988	15.3	69.6	141.0	125.5	63.2	17.8	1.1	2.17
1989	14.8	64.0	134.4	122.0	62.4	17.0	1.1	2.08
1990	16.7	63.3	137.6	126.2	63.1	15.4	1.1	2.12
1991	17.1	64.0	131.8	124.4	63.4	15.2	1.0	2.09
1992	16.9	58.9	123.9	122.3	61.3	14.4	0.8	1.99
1993	16.3	53.8	116.5	121.2	58.5	14.1	0.9	1.91
1994	15.0	50.7	112.5	119.8	58.6	12.8	0.7	1.85
1995	15.1	50.3	106.7	123.5	60.3	13.1	0.8	1.85
1996	16.7	52.2	105.3	127.1	63.9	11.8	0.6	1.89
1997	17.5	50.9	106.4	131.5	66.6	13.4	0.8	1.94
1998	19.2	52.5	103.1	131.5	69.3	13.4	0.6	1.95
1999	20.2	51.0	99.4	129.5	68.5	12.9	0.6	1.91
2000	19.5	51.6	95.1	129.3	71.3	13.6	0.5	1.90
2001	19.9	53.3	95.1	134.1	75.3	13.9	0.7	1.96
2002	19.4	52.8	93.7	134.5	80.0	14.5	0.6	1.98
2003	19.0	50.3	92.6	135.0	82.3	15.7	0.5	1.98
2004	17.1	49.1	88.4	134.3	85.2	16.2	0.5	1.95
2005	16.8	45.8	79.9	129.4	86.4	16.9	0.6	1.88
2006	16.4	49.5	82.1	130.4	90.8	18.1	0.8	1.94
2007	17.8	51.6	82.8	139.3	97.6	19.6	0.8	2.05

**Calculation of Total Period Fertility Rate**

The TPFR is compiled by summing the age specific fertility rates for the relevant five-year age groups, dividing by 1,000 and multiplying by 5. The small number of births for which the age of the mother is not stated is distributed in proportion to the stated categories.

**Table 2.2 Age specific and total period fertility rates by area of residence of mother in 2006**

Area of residence	Live births per 1,000 females at specified ages							TPFR
	Under 20	20-24	25-29	30-34	35-39	40-44	45-49	All ages
STATE	16.4	49.5	82.1	130.4	90.8	18.1	0.8	1.94
LEINSTER	18.1	50.3	78.5	125.4	90.4	18.0	0.8	1.91
Carlow	19.7	67.0	113.5	141.1	80.2	18.6	1.2	2.21
Dublin City	23.2	39.1	47.4	84.7	75.6	17.9	0.8	1.44
South Dublin	24.2	64.5	92.4	128.9	91.3	15.8	0.7	2.09
Fingal	16.2	52.2	83.6	135.3	100.5	19.5	0.7	2.04
Dun Laoghaire Rathdown	9.2	23.8	45.1	112.1	113.2	23.2	1.7	1.64
Kildare	16.1	50.6	95.5	153.4	97.3	18.5	0.3	2.16
Kilkenny	9.8	50.9	81.0	130.5	85.3	17.2	0.3	1.87
Laois	16.6	69.4	101.9	142.1	77.9	12.4	0.9	2.11
Longford	26.4	67.9	121.5	145.7	100.5	21.0	1.8	2.42
Louth	16.2	65.1	101.3	118.6	76.7	16.7	0.0	1.97
Meath	13.3	44.3	103.2	156.4	96.3	17.2	0.8	2.16
Offaly	19.6	65.7	99.0	135.3	83.2	15.9	0.0	2.09
Westmeath	18.9	63.1	106.6	146.2	89.0	19.9	0.0	2.22
Wexford	21.8	78.9	110.4	136.6	89.3	14.7	0.5	2.26
Wicklow	14.9	59.9	96.2	153.0	98.5	18.2	1.2	2.21
MUNSTER	15.1	48.4	87.3	139.8	91.8	17.7	0.8	2.00
Clare	16.7	51.7	97.1	145.6	100.9	20.3	0.8	2.17
Cork City	23.9	38.0	66.9	123.5	90.5	16.1	0.8	1.80
Cork County	10.4	40.5	86.1	152.0	95.4	17.8	0.6	2.01
Kerry	8.1	51.6	87.5	130.0	89.6	17.7	1.3	1.93
Limerick City	30.2	62.8	75.7	106.9	64.5	14.9	0.7	1.78
Limerick County	14.6	44.2	82.2	142.6	97.0	17.2	0.9	1.99
North Tipperary	13.4	56.7	112.4	152.0	99.7	22.5	1.0	2.29
South Tipperary	13.9	65.5	96.0	108.9	74.8	14.2	0.4	1.87
Waterford City	20.7	57.5	86.1	99.6	65.8	8.5	0.0	1.69
Waterford County	18.6	72.5	122.3	175.8	99.6	24.5	1.0	2.57
CONNACHT	11.9	44.2	80.9	135.6	97.0	20.5	0.8	1.95
Galway City	10.2	23.2	41.7	85.6	79.3	22.6	1.0	1.32
Galway County	11.8	50.1	99.0	159.9	107.3	23.5	0.7	2.26
Leitrim	13.2	76.5	88.9	145.5	93.2	16.6	1.0	2.17
Mayo	12.1	58.8	96.9	137.0	97.3	17.9	0.9	2.10
Roscommon	7.6	55.3	87.8	147.6	85.4	18.7	0.5	2.01
Sligo	16.7	46.9	89.1	130.7	99.0	19.0	0.9	2.01
ULSTER (PART OF)	17.0	57.7	101.2	127.9	78.2	17.2	0.8	2.00
Cavan	17.6	58.9	117.7	153.9	89.5	18.7	1.5	2.29
Donegal	19.5	61.4	100.1	119.1	73.7	16.7	0.4	1.96
Monaghan	10.2	47.2	85.9	121.8	76.9	16.8	1.1	1.80
REGIONAL AUTHORITIES:								
Border	16.6	59.1	99.1	126.7	81.1	17.3	0.7	2.00
Midland	19.5	66.1	105.0	141.9	85.9	16.9	0.5	2.18
West	11.0	42.1	79.4	135.7	97.0	21.0	0.8	1.93
Dublin	19.5	44.0	63.1	109.7	90.5	18.8	0.9	1.73
Mid-East	14.8	51.0	98.4	154.4	97.3	18.0	0.7	2.17
Mid-West	17.8	51.8	90.0	140.1	94.5	18.9	0.9	2.07
South-East	17.3	66.4	101.4	132.8	84.3	16.3	0.5	2.09
South-West	12.9	41.8	81.9	142.7	93.4	17.5	0.8	1.96

**Table 2.3 Births by area of residence, sex of infant and age at maternity in 2007**

Area of residence	Males	Females	Total	Under 20	20-24	25-29	30-34	35-39	40-44	45 & over	Age not stated
<b>STATE</b>	36,487	34,902	71,389	2,505	8,919	16,590	24,409	15,851	2,978	118	19
<b>LEINSTER</b>	20,775	19,815	40,590	1,501	5,275	9,578	13,683	8,874	1,602	68	9
<b>Carlow</b>	499	487	986	44	143	271	313	184	29	2	-
Carlow Town	130	119	249	13	45	79	74	33	5	-	-
Rest of Co. Carlow	369	368	737	31	98	192	239	151	24	2	-
<b>Dublin City</b>	3,714	3,616	7,330	356	1,214	1,742	2,106	1,599	295	16	2
<b>South Dublin</b>	2,369	2,352	4,721	212	761	1,191	1,508	887	152	9	1
<b>Fingal</b>	2,733	2,556	5,289	159	595	1,249	1,976	1,121	184	5	-
<b>Dun Laoghaire Rathdown</b>	1,303	1,334	2,637	58	188	343	978	848	212	9	1
<b>Kildare</b>	2,013	1,884	3,897	129	388	850	1,481	899	145	5	-
Athy Town	118	104	222	9	31	58	86	31	7	-	-
Naas Town	245	231	476	11	63	92	167	122	19	2	-
Rest of Co. Kildare	1,650	1,549	3,199	109	294	700	1,228	746	119	3	-
<b>Kilkenny</b>	694	583	1,277	37	125	267	504	287	56	1	-
Kilkenny Borough	112	101	213	9	35	49	66	46	8	-	-
Rest of Co. Kilkenny	582	482	1,064	28	90	218	438	241	48	1	-
<b>Laois</b>	664	620	1,284	40	200	345	424	238	33	3	1
<b>Longford</b>	306	288	594	21	86	150	176	132	27	2	-
Longford Town	74	65	139	9	29	28	42	24	7	-	-
Rest of Co. Longford	232	223	455	12	57	122	134	108	20	2	-
<b>Louth</b>	931	889	1,820	100	266	489	570	343	50	2	-
Drogheda Borough	225	245	470	28	70	131	140	89	12	-	-
Dundalk Town	197	186	383	29	89	101	100	53	11	-	-
Rest of Co. Louth	509	458	967	43	107	257	330	201	27	2	-
<b>Meath</b>	1,802	1,704	3,506	84	356	839	1,299	798	125	4	1
Kells Town	70	61	131	6	17	42	37	24	5	-	-
Navan Town	247	216	463	18	69	121	154	84	14	2	1
Trim Town	81	75	156	4	17	38	57	36	4	-	-
Rest of Co. Meath	1,404	1,352	2,756	56	253	638	1,051	654	102	2	-
<b>Offaly</b>	616	566	1,182	46	166	319	372	236	42	-	1
Birr Town	37	41	78	3	9	26	22	13	5	-	-
Tullamore Town	129	126	255	15	44	60	84	47	5	-	-
Rest of Co. Offaly	450	399	849	28	113	233	266	176	32	-	1
<b>Westmeath</b>	722	678	1,400	54	186	367	450	267	68	6	2
Athlone Town	84	78	162	12	37	47	39	21	6	-	-
Rest of Co. Westmeath	638	600	1,238	42	149	320	411	246	62	6	2
<b>Wexford</b>	1,164	1,112	2,276	100	332	608	692	449	94	1	-
Enniscorthy Town	83	98	181	19	29	54	48	26	5	-	-
New Ross Town	106	87	193	10	36	51	49	38	9	-	-
Wexford Borough	78	55	133	10	43	35	22	20	3	-	-
Rest of Co. Wexford	897	872	1,769	61	224	468	573	365	77	1	-
<b>Wicklow</b>	1,245	1,146	2,391	61	269	548	834	586	90	3	-
Arklow Town	143	114	257	4	37	77	87	47	5	-	-
Bray Town	252	224	476	25	82	110	131	109	19	-	-
Wicklow Town	72	82	154	4	21	33	45	44	7	-	-
Rest of Co. Wicklow	778	726	1,504	28	129	328	571	386	59	3	-
<b>MUNSTER</b>	9,565	9,325	18,890	617	2,240	4,240	6,610	4,328	822	27	6
<b>Clare</b>	910	873	1,783	50	193	349	626	482	80	3	-
Ennis Town	257	241	498	20	70	101	162	129	16	-	-
Kilrush Town	22	32	54	3	8	11	16	14	2	-	-
Rest of Co. Clare	631	600	1,231	27	115	237	448	339	62	3	-
<b>Cork City</b>	718	684	1,402	74	274	390	358	249	56	1	-
<b>Cork County</b>	3,251	3,220	6,471	146	541	1,373	2,521	1,583	295	6	6
Clonakilty Town	41	47	88	1	7	18	39	18	5	-	-
Cobh Town	109	105	214	11	31	51	78	32	11	-	-
Fermoy Town	55	61	116	3	15	32	49	14	3	-	-
Kinsale Town	51	56	107	-	9	21	38	32	7	-	-
Macroom Town	56	52	108	-	15	25	35	28	5	-	-
Mallow Town	180	165	345	7	43	90	126	67	11	1	-
Midleton Town	122	107	229	6	25	56	79	54	9	-	-
Skibbereen Town	40	38	78	2	7	13	29	23	4	-	-
Youghal Town	70	61	131	5	20	28	44	26	8	-	-
Rest of Co. Cork	2,527	2,528	5,055	111	369	1,039	2,004	1,289	232	5	6
<b>Kerry</b>	1,042	1,008	2,050	55	247	431	707	487	121	2	-
Killarney Town	134	112	246	11	35	56	74	57	13	-	-
Listowel Town	45	41	86	1	19	17	32	11	6	-	-
Tralee Town	138	121	259	10	51	63	76	43	16	-	-
Rest of Co. Kerry	725	734	1,459	33	142	295	525	376	86	2	-
<b>Limerick City</b>	441	426	867	74	185	232	218	139	19	-	-

**Table 2.3 Births by area of residence, sex of infant and age at maternity in 2007 — Continued**

Area of residence	Males	Females	Total	Under 20	20-24	25-29	30-34	35-39	40-44	45 & over	Age not stated
<b>Limerick County</b>	1,042	1,051	2,093	44	248	462	763	486	82	8	-
<b>North Tipperary</b>	624	619	1,243	42	131	289	421	301	57	2	-
Nenagh Town	92	101	193	9	30	47	45	51	10	1	-
Templemore Town	25	20	45	1	4	13	19	7	1	-	-
Thurles Town	83	103	186	8	27	43	62	41	5	-	-
Rest of North Tipperary	424	395	819	24	70	186	295	202	41	1	-
<b>South Tipperary</b>	622	564	1,186	49	169	280	405	238	43	2	-
Carrick-on-Suir Town	40	47	87	2	16	31	28	9	1	-	-
Cashel Town	53	44	97	4	14	21	32	22	4	-	-
Clonmel Borough	117	110	227	18	43	61	53	43	8	1	-
Tipperary Town	35	38	73	6	20	19	12	14	2	-	-
Rest of South Tipperary	377	325	702	19	76	148	280	150	28	1	-
<b>Waterford City</b>	391	371	762	59	150	210	193	126	23	1	-
<b>Waterford County</b>	524	509	1,033	24	102	224	398	237	46	2	-
Dungarvan Town	100	86	186	8	23	54	63	34	4	-	-
Rest of Co. Waterford	424	423	847	16	79	170	335	203	42	2	-
<b>CONNACHT</b>	4,058	3,790	7,848	216	903	1,721	2,726	1,868	393	17	4
<b>Galway City</b>	513	501	1,014	43	171	251	301	207	37	3	1
<b>Galway County</b>	1,420	1,368	2,788	56	250	556	1,043	716	157	7	3
Ballinasloe Town	81	84	165	8	29	40	53	27	8	-	-
Rest of Co. Galway	1,339	1,284	2,623	48	221	516	990	689	149	7	3
<b>Leitrim</b>	264	217	481	13	62	112	157	109	27	1	-
<b>Mayo</b>	981	880	1,861	58	221	422	631	438	88	3	-
Ballina Town	130	123	253	10	44	61	70	52	14	2	-
Castlebar Town	112	127	239	9	31	56	83	47	12	1	-
Westport Town	60	46	106	5	9	25	33	31	3	-	-
Rest of Co. Mayo	679	584	1,263	34	137	280	445	308	59	-	-
<b>Roscommon</b>	391	397	788	20	80	188	256	207	36	1	-
<b>Sligo</b>	489	427	916	26	119	192	338	191	48	2	-
Sligo Borough	139	111	250	9	54	53	82	36	16	-	-
Rest of Co. Sligo	350	316	666	17	65	139	256	155	32	2	-
<b>ULSTER (PART OF)</b>	2,089	1,972	4,061	171	501	1,051	1,390	781	161	6	-
<b>Cavan</b>	552	539	1,091	47	137	270	364	225	47	1	-
Cavan Town	68	68	136	10	15	43	36	28	4	-	-
Rest of Co. Cavan	484	471	955	37	122	227	328	197	43	1	-
<b>Donegal</b>	1,111	1,045	2,156	88	273	560	739	411	81	4	-
Buncrana Town	59	49	108	5	24	32	31	13	2	1	-
Bundoran Town	10	17	27	-	7	6	7	7	-	-	-
Letterkenny Town	135	149	284	12	47	63	93	60	9	-	-
Rest of Co. Donegal	907	830	1,737	71	195	459	608	331	70	3	-
<b>Monaghan</b>	426	388	814	36	91	221	287	145	33	1	-
Carrickmacross Town	60	74	134	7	19	36	48	17	7	-	-
Castleblaney Town	67	30	97	6	9	24	39	17	2	-	-
Clones Town	14	15	29	-	2	8	11	7	1	-	-
Monaghan Town	55	57	112	11	20	26	35	17	2	1	-
Rest of Co. Monaghan	230	212	442	12	41	127	154	87	21	-	-
<b>Towns and Boroughs</b>	5,338	5,046	10,384	466	1,645	2,576	3,262	2,035	387	12	1
<b>REGIONAL AUTHORITIES:</b>											
Border	3,773	3,505	7,278	310	948	1,844	2,455	1,424	286	11	-
Midland	2,308	2,152	4,460	161	638	1,181	1,422	873	170	11	4
West	3,305	3,146	6,451	177	722	1,417	2,231	1,568	318	14	4
Dublin	10,119	9,858	19,977	785	2,758	4,525	6,568	4,455	843	39	4
Mid-East	5,060	4,734	9,794	274	1,013	2,237	3,614	2,283	360	12	1
Mid-West	3,017	2,969	5,986	210	757	1,332	2,028	1,408	238	13	-
South-East	3,894	3,626	7,520	313	1,021	1,860	2,505	1,521	291	9	-
South-West	5,011	4,912	9,923	275	1,062	2,194	3,586	2,319	472	9	6

**Table 2.4 Births by area of residence showing the numbers in each quarter in 2007**

Area of residence	1st Quarter		2nd Quarter		3rd Quarter		4th Quarter		Year	
	Males	Females	Males	Females	Males	Females	Males	Females	Males	Females
STATE	8,446	7,983	8,879	8,728	9,782	9,344	9,380	8,847	36,487	34,902
LEINSTER	4,738	4,451	5,070	4,932	5,625	5,287	5,342	5,145	20,775	19,815
Carlow	93	106	113	133	147	134	146	114	499	487
Dublin City	777	817	908	886	1,008	935	1,021	978	3,714	3,616
South Dublin	551	529	563	611	660	615	595	597	2,369	2,352
Fingal	637	568	701	680	740	702	655	606	2,733	2,556
Dun Laoghaire Rathdown	319	309	309	336	321	360	354	329	1,303	1,334
Kildare	447	396	480	449	561	523	525	516	2,013	1,884
Kilkenny	168	156	178	136	191	145	157	146	694	583
Laois	143	137	171	143	176	168	174	172	664	620
Longford	71	53	68	70	82	78	85	87	306	288
Louth	241	187	229	215	230	253	231	234	931	889
Meath	416	378	469	443	473	446	444	437	1,802	1,704
Offaly	133	146	161	136	172	149	150	135	616	566
Westmeath	166	157	154	145	209	183	193	193	722	678
Wexford	266	259	290	280	308	291	300	282	1,164	1,112
Wicklow	310	253	276	269	347	305	312	319	1,245	1,146
MUNSTER	2,330	2,177	2,269	2,352	2,509	2,521	2,457	2,275	9,565	9,325
Clare	234	200	202	229	249	247	225	197	910	873
Cork City	191	188	184	160	173	169	170	167	718	684
Cork County	782	731	753	812	887	892	829	785	3,251	3,220
Kerry	251	246	254	230	265	277	272	255	1,042	1,008
Limerick City	136	100	95	106	109	120	101	100	441	426
Limerick County	218	245	259	255	287	302	278	249	1,042	1,051
North Tipperary	134	141	162	165	168	163	160	150	624	619
South Tipperary	162	135	140	149	146	136	174	144	622	564
Waterford City	85	83	97	96	101	93	108	99	391	371
Waterford County	137	108	123	150	124	122	140	129	524	509
CONNACHT	908	883	1,027	937	1,083	1,012	1,040	958	4,058	3,790
Galway City	135	128	132	135	131	122	115	116	513	501
Galway County	288	287	370	327	387	392	375	362	1,420	1,368
Leitrim	70	68	77	45	61	45	56	59	264	217
Mayo	215	209	239	215	275	237	252	219	981	880
Roscommon	82	88	88	102	102	102	119	105	391	397
Sligo	118	103	121	113	127	114	123	97	489	427
ULSTER (PART OF)	470	472	513	507	565	524	541	469	2,089	1,972
Cavan	117	132	142	146	146	141	147	120	552	539
Donegal	267	240	262	261	290	283	292	261	1,111	1,045
Monaghan	86	100	109	100	129	100	102	88	426	388
REGIONAL AUTHORITIES:										
Border	899	830	940	880	983	936	951	859	3,773	3,505
Midland	513	493	554	494	639	578	602	587	2,308	2,152
West	720	712	829	779	895	853	861	802	3,305	3,146
Dublin	2,284	2,223	2,481	2,513	2,729	2,612	2,625	2,510	10,119	9,858
Mid-East	1,173	1,027	1,225	1,161	1,381	1,274	1,281	1,272	5,060	4,734
Mid-West	722	686	718	755	813	832	764	696	3,017	2,969
South-East	911	847	941	944	1,017	921	1,025	914	3,894	3,626
South-West	1,224	1,165	1,191	1,202	1,325	1,338	1,271	1,207	5,011	4,912



**Table 2.5 Births in 2007, classified by sex and age of mother at maternity and showing the number of births outside marriage**

Age of mother at maternity	Total Births (including Births outside marriage)			Births outside marriage		
	Total	Males	Females	Total	Males	Females
ALL AGES	71,389	36,487	34,902	23,640	12,084	11,556
15 and under	69	32	37	68	32	36
16	158	90	68	153	88	65
17	397	202	195	384	194	190
18	723	369	354	650	331	319
19	1,158	610	548	1,035	547	488
under 20	2,505	1,303	1,202	2,290	1,192	1,098
20	1,359	705	654	1,160	605	555
21	1,605	800	805	1,301	644	657
22	1,769	892	877	1,373	695	678
23	1,920	987	933	1,446	737	709
24	2,266	1,179	1,087	1,519	806	713
20-24	8,919	4,563	4,356	6,799	3,487	3,312
25	2,583	1,334	1,249	1,577	796	781
26	2,869	1,468	1,401	1,509	797	712
27	3,375	1,720	1,655	1,535	758	777
28	3,686	1,815	1,871	1,338	650	688
29	4,077	2,090	1,987	1,135	596	539
25-29	16,590	8,427	8,163	7,094	3,597	3,497
30	4,466	2,230	2,236	1,004	490	514
31	4,881	2,571	2,310	1,061	565	496
32	5,072	2,635	2,437	906	449	457
33	5,052	2,557	2,495	784	393	391
34	4,938	2,519	2,419	731	378	353
30-34	24,409	12,512	11,897	4,486	2,275	2,211
35	4,525	2,376	2,149	672	342	330
36	3,939	2,018	1,921	576	316	260
37	3,143	1,593	1,550	471	250	221
38	2,395	1,224	1,171	368	190	178
39	1,849	957	892	313	162	151
35-39	15,851	8,168	7,683	2,400	1,260	1,140
40	1,297	636	661	202	101	101
41	821	401	420	164	74	90
42	473	221	252	90	41	49
43	241	115	126	46	28	18
44	146	73	73	31	12	19
40-44	2,978	1,446	1,532	533	256	277
45 and over	118	58	60	30	12	18
Age not stated	19	10	9	8	5	3

**Table 2.6 Total Births in 2007 classified by area of residence and age of mother at maternity**

Area of residence	Under 20		20-24		25-29		30-34		35-39		40-44		45 & over		Age not stated	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
STATE	1,303	1,202	4,563	4,356	8,427	8,163	12,512	11,897	8,168	7,683	1,446	1,532	58	60	10	9
LEINSTER	776	725	2,711	2,564	4,862	4,716	6,985	6,698	4,616	4,258	788	814	32	36	5	4
Carlow	23	21	75	68	135	136	155	158	97	87	12	17	2	-	-	-
Dublin City	188	168	617	597	882	860	1,044	1,062	823	776	152	143	6	10	2	-
South Dublin	108	104	390	371	587	604	750	758	452	435	78	74	4	5	-	1
Fingal	78	81	307	288	646	603	998	978	606	515	95	89	3	2	-	-
Dun Laoghaire Rathdown	33	25	90	98	161	182	469	509	446	402	102	110	2	7	-	1
Kildare	68	61	197	191	432	418	787	694	465	434	62	83	2	3	-	-
Kilkenny	17	20	69	56	136	131	290	214	148	139	33	23	1	-	-	-
Laois	20	20	106	94	164	181	225	199	132	106	16	17	-	3	1	-
Longford	8	13	49	37	82	68	82	94	71	61	13	14	1	1	-	-
Louth	52	48	143	123	252	237	283	287	171	172	29	21	1	1	-	-
Meath	46	38	178	178	429	410	669	630	419	379	57	68	4	-	-	1
Offaly	23	23	87	79	173	146	195	177	118	118	19	23	-	-	1	-
Westmeath	28	26	89	97	189	178	245	205	133	134	33	35	4	2	1	1
Wexford	46	54	171	161	318	290	355	337	231	218	43	51	-	1	-	-
Wicklow	38	23	143	126	276	272	438	396	304	282	44	46	2	1	-	-
MUNSTER	322	295	1,144	1,096	2,143	2,097	3,358	3,252	2,201	2,127	381	441	13	14	3	3
Clare	29	21	103	90	183	166	314	312	238	244	41	39	2	1	-	-
Cork City	36	38	145	129	198	192	181	177	131	118	27	29	-	1	-	-
Cork County	71	75	268	273	690	683	1,284	1,237	794	789	136	159	5	1	3	3
Kerry	31	24	120	127	219	212	355	352	256	231	59	62	2	-	-	-
Limerick City	35	39	100	85	112	120	114	104	72	67	8	11	-	-	-	-
Limerick County	25	19	120	128	229	233	407	356	229	257	31	51	1	7	-	-
North Tipperary	23	19	60	71	143	146	209	212	165	136	23	34	1	1	-	-
South Tipperary	30	19	89	80	157	123	206	199	114	124	25	18	1	1	-	-
Waterford City	28	31	87	63	107	103	95	98	63	63	11	12	-	1	-	-
Waterford County	14	10	52	50	105	119	193	205	139	98	20	26	1	1	-	-
CONNACHT	110	106	470	433	869	852	1,435	1,291	957	911	205	188	10	7	2	2
Galway City	24	19	85	86	115	136	160	141	105	102	21	16	2	1	1	-
Galway County	29	27	129	121	285	271	550	493	348	368	74	83	4	3	1	2
Leitrim	7	6	34	28	64	48	87	70	53	56	18	9	1	-	-	-
Mayo	27	31	125	96	204	218	334	297	239	199	51	37	1	2	-	-
Roscommon	11	9	36	44	89	99	133	123	105	102	16	20	1	-	-	-
Sligo	12	14	61	58	112	80	171	167	107	84	25	23	1	1	-	-
ULSTER (PART OF)	95	76	238	263	553	498	734	656	394	387	72	89	3	3	-	-
Cavan	25	22	66	71	131	139	199	165	111	114	20	27	-	1	-	-
Donegal	51	37	129	144	306	254	382	357	204	207	37	44	2	2	-	-
Monaghan	19	17	43	48	116	105	153	134	79	66	15	18	1	-	-	-
REGIONAL AUTHORITIES:																
Border	166	144	476	472	981	863	1,275	1,180	725	699	144	142	6	5	-	-
Midland	79	82	331	307	608	573	747	675	454	419	81	89	5	6	3	1
West	91	86	375	347	693	724	1,177	1,054	797	771	162	156	8	6	2	2
Dublin	407	378	1,404	1,354	2,276	2,249	3,261	3,307	2,327	2,128	427	416	15	24	2	2
Mid-East	152	122	518	495	1,137	1,100	1,894	1,720	1,188	1,095	163	197	8	4	-	1
Mid-West	112	98	383	374	667	665	1,044	984	704	704	103	135	4	9	-	-
South-East	158	155	543	478	958	902	1,294	1,211	792	729	144	147	5	4	-	-
South-West	138	137	533	529	1,107	1,087	1,820	1,766	1,181	1,138	222	250	7	2	3	3

**Table 2.7 Births outside marriage in 2007 classified by area of residence and age of mother at maternity**

Area of residence	Under 25		25-29		30-34		35-39		40 & over		Age not stated		ALL AGES	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F
STATE	4,679	4,410	3,597	3,497	2,275	2,211	1,260	1,140	268	295	5	3	12084	11556
LEINSTER	2,798	2,613	2,192	2,124	1,386	1,400	781	686	162	175	2	1	7,321	6,999
Carlow	73	72	61	58	26	33	14	14	3	2	-	-	177	179
Dublin City	649	639	500	480	290	339	226	187	43	37	-	-	1,708	1,682
South Dublin	402	385	279	312	171	190	70	75	20	19	-	1	942	982
Fingal	297	255	248	253	189	174	88	79	21	24	-	-	843	785
Dun Laoghaire Rathdown	98	104	70	83	65	73	53	63	17	27	-	-	303	350
Kildare	213	200	168	159	112	112	61	54	12	12	-	-	566	537
Kilkenny	67	63	48	46	58	32	13	18	2	1	-	-	188	160
Laois	98	80	61	65	32	33	26	16	2	2	1	-	220	196
Longford	38	35	25	27	15	19	10	6	1	1	-	-	89	88
Louth	163	142	134	114	66	61	30	27	6	3	-	-	399	347
Meath	182	169	171	155	111	117	51	44	8	12	-	-	523	497
Offaly	87	82	62	63	36	32	15	15	1	4	-	-	201	196
Westmeath	92	87	69	61	48	32	22	21	5	6	1	-	237	207
Wexford	189	178	166	128	89	73	50	33	8	15	-	-	502	427
Wicklow	150	122	130	120	78	80	52	34	13	10	-	-	423	366
MUNSTER	1,189	1,128	889	873	561	549	299	299	63	75	2	-	3,003	2,924
Clare	98	88	65	63	41	50	28	32	7	10	-	-	239	243
Cork City	149	142	115	109	57	59	28	18	9	10	-	-	358	338
Cork County	275	279	240	240	174	163	84	84	22	23	2	-	797	789
Kerry	110	111	87	82	61	57	30	38	4	8	-	-	292	296
Limerick City	115	105	64	63	39	39	19	24	-	4	-	-	237	235
Limerick County	114	113	86	93	64	56	37	26	6	6	-	-	307	294
North Tipperary	74	77	50	65	31	29	25	25	4	6	-	-	184	202
South Tipperary	104	88	79	62	33	39	16	23	5	1	-	-	237	213
Waterford City	90	73	55	52	27	19	15	16	3	5	-	-	190	165
Waterford County	60	52	48	44	34	38	17	13	3	2	-	-	162	149
CONNACHT	409	386	338	315	208	179	121	104	31	33	1	2	1,108	1,019
Galway City	70	59	55	51	37	34	18	15	2	2	1	-	183	161
Galway County	109	110	96	93	66	63	41	28	8	11	-	2	320	307
Leitrim	25	26	25	19	14	6	2	8	6	2	-	-	72	61
Mayo	107	90	77	78	46	36	35	28	8	10	-	-	273	242
Roscommon	38	41	29	37	15	20	11	13	2	4	-	-	95	115
Sligo	60	60	56	37	30	20	14	12	5	4	-	-	165	133
ULSTER (PART OF)	283	283	178	185	120	83	59	51	12	12	-	-	652	614
Cavan	72	78	38	51	33	24	11	11	2	2	-	-	156	166
Donegal	160	155	103	88	68	44	32	29	10	7	-	-	373	323
Monaghan	51	50	37	46	19	15	16	11	-	3	-	-	123	125
REGIONAL AUTHORITIES:														
Border	531	511	393	355	230	170	105	98	29	21	-	-	1,288	1,155
Midland	315	284	217	216	131	116	73	58	9	13	2	-	747	687
West	324	300	257	259	164	153	105	84	20	27	1	2	871	825
Dublin	1,446	1,383	1,097	1,128	715	776	437	404	101	107	-	1	3,796	3,799
Mid-East	545	491	469	434	301	309	164	132	33	34	-	-	1,512	1,400
Mid-West	401	383	265	284	175	174	109	107	17	26	-	-	967	974
South-East	583	526	457	390	267	234	125	117	24	26	-	-	1,456	1,293
South-West	534	532	442	431	292	279	142	140	35	41	2	-	1,447	1,423

**Table 2.8 Total Births in 2007, classified by age of mother at maternity and number of previous liveborn children**

Age of mother at maternity	Number of previous liveborn children												
	Total	0	1	2	3	4	5	6	7	8	9	10 or more	Not stated
ALL AGES	71,389	29,620	22,581	11,904	4,370	1,426	527	217	89	43	19	27	566
15 and under	69	68	-	-	-	-	-	-	-	-	-	-	1
16	158	155	3	-	-	-	-	-	-	-	-	-	-
17	397	376	19	2	-	-	-	-	-	-	-	-	-
18	723	664	53	5	-	-	-	-	-	-	-	-	1
19	1,158	1,003	134	16	2	-	-	-	-	-	-	-	3
under 20	2,505	2,266	209	23	2	-	-	-	-	-	-	-	5
20	1,359	1,066	246	36	5	-	-	-	-	-	-	-	6
21	1,605	1,194	326	72	8	1	-	-	-	-	-	-	4
22	1,769	1,156	459	119	19	4	2	-	-	-	-	-	10
23	1,920	1,140	570	170	23	10	-	-	-	-	-	-	7
24	2,266	1,304	647	224	61	15	2	-	-	-	-	-	13
20-24	8,919	5,860	2,248	621	116	30	4	-	-	-	-	-	40
25	2,583	1,330	823	306	81	16	6	2	1	-	-	-	18
26	2,869	1,454	881	364	108	27	7	2	-	-	-	-	26
27	3,375	1,625	1,122	422	109	44	15	2	2	-	-	-	34
28	3,686	1,750	1,169	492	162	59	16	8	-	-	-	-	30
29	4,077	1,917	1,299	568	178	42	22	7	3	2	-	-	39
25-29	16,590	8,076	5,294	2,152	638	188	66	21	6	2	-	-	147
30	4,466	1,990	1,510	627	199	74	24	5	5	1	-	-	31
31	4,881	2,086	1,658	705	245	85	43	14	5	-	-	-	40
32	5,072	1,917	1,835	837	297	79	47	11	6	1	1	1	40
33	5,052	1,722	1,948	897	308	83	32	12	5	5	-	1	39
34	4,938	1,438	1,836	1,086	354	113	36	18	10	5	2	2	38
30-34	24,409	9,153	8,787	4,152	1,403	434	182	60	31	12	3	4	188
35	4,525	1,199	1,571	1,128	379	127	40	17	6	6	6	2	44
36	3,939	964	1,352	1,020	394	105	39	20	6	2	1	3	33
37	3,143	678	1,014	837	393	122	34	15	5	7	1	3	34
38	2,395	437	728	695	318	118	38	16	9	3	2	2	29
39	1,849	364	521	536	277	84	29	17	6	1	-	2	12
35-39	15,851	3,642	5,186	4,216	1,761	556	180	85	32	19	10	12	152
40	1,297	231	364	359	194	77	30	12	7	5	1	3	14
41	821	174	220	196	109	60	30	14	3	1	1	2	11
42	473	93	138	98	65	32	17	17	5	-	3	2	3
43	241	48	67	45	46	17	5	2	3	2	-	2	4
44	146	35	40	25	17	15	5	5	1	1	-	-	2
40-44	2,978	581	829	723	431	201	87	50	19	9	5	9	34
45 and over	118	36	23	13	15	17	8	1	1	1	1	2	-
Age not stated	19	6	5	4	4	-	-	-	-	-	-	-	-

**Table 2.9 Births outside marriage in 2007, classified by age of mother at maternity and number of previous liveborn children**

Age of mother at maternity	Number of previous liveborn children												
	Total	0	1	2	3	4	5	6	7	8	9	10 or more	Not stated
ALL AGES	23,640	12,989	6,350	2,592	910	393	142	69	18	11	5	4	157
15 and under	68	67	-	-	-	-	-	-	-	-	-	-	1
16	153	150	3	-	-	-	-	-	-	-	-	-	-
17	384	365	17	2	-	-	-	-	-	-	-	-	-
18	650	603	42	4	-	-	-	-	-	-	-	-	1
19	1,035	904	113	13	2	-	-	-	-	-	-	-	3
under 20	2,290	2,089	175	19	2	-	-	-	-	-	-	-	5
20	1,160	934	190	26	5	-	-	-	-	-	-	-	5
21	1,301	996	244	54	4	1	-	-	-	-	-	-	2
22	1,373	918	352	79	12	3	1	-	-	-	-	-	8
23	1,446	885	434	103	12	6	-	-	-	-	-	-	6
24	1,519	904	423	140	36	9	1	-	-	-	-	-	6
20-24	6,799	4,637	1,643	402	69	19	2	-	-	-	-	-	27
25	1,577	846	478	177	50	7	4	2	-	-	-	-	13
26	1,509	771	457	193	54	15	4	1	-	-	-	-	14
27	1,535	710	543	184	46	26	6	2	1	-	-	-	17
28	1,338	634	398	205	51	28	8	4	-	-	-	-	10
29	1,135	534	348	164	55	13	6	2	1	1	-	-	11
25-29	7,094	3,495	2,224	923	256	89	28	11	2	1	-	-	65
30	1,004	409	330	168	57	24	11	1	1	1	-	-	2
31	1,061	453	318	157	71	31	20	5	3	-	-	-	3
32	906	374	271	149	64	27	12	4	-	-	-	-	5
33	784	291	266	126	55	24	8	7	-	-	-	1	6
34	731	240	241	127	71	33	8	4	3	1	-	-	3
30-34	4,486	1,767	1,426	727	318	139	59	21	7	2	-	1	19
35	672	239	210	119	54	27	8	7	1	1	1	-	5
36	576	208	183	90	53	21	6	5	2	1	-	-	7
37	471	165	132	91	43	20	6	4	1	3	-	-	6
38	368	109	115	65	36	19	8	4	1	-	1	1	9
39	313	99	92	56	33	16	8	6	1	1	-	-	1
35-39	2,400	820	732	421	219	103	36	26	6	6	2	1	28
40	202	60	44	51	15	14	7	3	1	1	1	-	5
41	164	53	46	28	15	10	4	1	1	-	1	2	3
42	90	24	28	12	6	8	2	6	1	-	1	-	2
43	46	14	15	5	7	3	1	-	-	-	-	-	1
44	31	12	9	3	-	3	-	1	-	1	-	-	2
40-44	533	163	142	99	43	38	14	11	3	2	3	2	13
45 and over	30	14	6	1	1	5	3	-	-	-	-	-	-
Age not stated	8	4	2	-	2	-	-	-	-	-	-	-	-

**Table 2.10 Births within marriage in 2007, classified by age of mother at maternity and year of marriage**

Age of mother at maternity	TOTAL	Births within marriage : the year of marriage being												
		2007	2006	2005	2004	2003	2002	2001	2000	1999	1994-1998	1989-1993	1988 and earlier	Not stated
ALL AGES	47,749	1,071	6,419	6,212	5,510	5,014	4,315	3,665	3,036	2,337	5,767	1,290	215	2,898
15 and under	1	-	1	-	-	-	-	-	-	-	-	-	-	-
16	5	2	1	-	-	-	-	-	-	-	-	-	-	2
17	13	1	8	1	-	-	-	-	-	-	-	-	-	3
18	73	17	34	8	-	1	-	-	-	-	-	-	-	13
19	123	18	51	26	7	2	1	-	1	-	-	-	-	17
under 20	215	38	95	35	7	3	1	-	1	-	-	-	-	35
20	199	33	66	46	23	8	1	-	-	-	-	-	-	22
21	304	47	85	56	59	17	9	-	-	-	-	-	-	31
22	396	62	105	78	42	35	20	9	4	1	-	-	-	40
23	474	56	126	71	58	45	41	15	4	2	2	-	-	54
24	747	72	193	144	82	54	66	40	15	10	2	-	-	69
20-24	2,120	270	575	395	264	159	137	64	23	13	4	-	-	216
25	1,006	64	283	218	139	92	44	32	40	15	7	-	-	72
26	1,360	81	370	290	178	126	80	70	37	15	19	-	-	94
27	1,840	75	477	424	261	187	108	62	56	28	55	-	-	107
28	2,348	73	502	520	401	267	163	96	78	41	79	-	-	128
29	2,942	73	583	571	483	372	234	158	144	60	101	1	-	162
25-29	9,496	366	2,215	2,023	1,462	1,044	629	418	355	159	261	1	-	563
30	3,462	64	592	624	524	470	346	261	139	96	155	3	-	188
31	3,820	51	552	630	563	520	423	316	240	116	197	16	1	195
32	4,166	49	515	572	508	535	528	398	306	192	321	37	-	205
33	4,268	41	436	491	525	533	531	429	336	261	388	48	1	248
34	4,207	41	364	416	424	496	438	482	377	312	581	61	-	215
30-34	19,923	246	2,459	2,733	2,544	2,554	2,266	1,886	1,398	977	1,642	165	2	1,051
35	3,853	40	332	326	342	388	367	364	334	287	730	97	6	240
36	3,363	28	257	238	293	306	302	300	267	268	779	120	9	196
37	2,672	26	177	146	214	188	223	216	221	225	687	147	13	189
38	2,027	15	119	96	142	119	125	149	180	160	604	174	19	125
39	1,536	17	83	87	87	107	111	98	105	96	472	162	24	87
35-39	13,451	126	968	893	1,078	1,108	1,128	1,127	1,107	1,036	3,272	700	71	837
40	1,095	5	52	51	72	59	70	80	69	71	278	174	28	86
41	657	8	26	37	39	37	40	45	47	29	172	113	25	39
42	383	3	19	23	12	27	20	24	20	28	79	61	28	39
43	195	6	6	13	15	16	10	9	10	12	38	33	17	10
44	115	1	3	6	14	2	10	6	4	6	13	21	22	7
40-44	2,445	23	106	130	152	141	150	164	150	146	580	402	120	181
45 and over	88	2	1	2	3	3	3	5	1	6	7	21	22	12
Age not stated	11	-	-	1	-	2	1	1	1	-	1	1	-	3

**Table 2.11 First births within marriage in 2007, classified by age of mother at maternity and year of marriage**

Age of mother at maternity	TOTAL	First births within marriage : the year of marriage being												
		2007	2006	2005	2004	2003	2002	2001	2000	1999	1994-1998	1989-1993	1988 and earlier	Not stated
ALL AGES	16,631	759	4,514	4,191	2,393	1,407	824	533	336	234	429	57	12	942
15 and under	1	-	1	-	-	-	-	-	-	-	-	-	-	-
16	5	2	1	-	-	-	-	-	-	-	-	-	-	2
17	11	1	7	-	-	-	-	-	-	-	-	-	-	3
18	61	15	31	5	-	-	-	-	-	-	-	-	-	10
19	99	18	43	20	1	1	1	-	1	-	-	-	-	14
under 20	177	36	83	25	1	1	1	-	1	-	-	-	-	29
20	132	29	58	26	5	2	-	-	-	-	-	-	-	12
21	198	43	70	38	23	5	2	-	-	-	-	-	-	17
22	238	49	88	54	16	6	3	-	1	1	-	-	-	20
23	255	41	92	50	21	9	9	1	1	-	-	-	-	31
24	400	60	138	98	36	11	13	3	2	1	-	-	-	38
20-24	1,223	222	446	266	101	33	27	4	4	2	-	-	-	118
25	484	47	180	134	57	21	6	3	6	1	1	-	-	28
26	683	60	227	196	80	31	21	13	2	2	1	-	-	50
27	915	53	323	272	117	59	23	11	7	2	2	-	-	46
28	1,116	51	329	357	193	67	45	13	5	4	5	-	-	47
29	1,383	46	420	398	236	114	50	21	17	6	7	-	-	68
25-29	4,581	257	1,479	1,357	683	292	145	61	37	15	16	-	-	239
30	1,581	42	435	451	258	172	75	44	14	8	10	-	-	72
31	1,633	39	403	449	285	187	89	39	29	10	21	2	1	79
32	1,543	28	380	413	246	161	97	62	36	15	19	2	-	84
33	1,431	27	328	357	233	159	92	74	30	30	34	1	-	66
34	1,198	28	251	275	180	132	88	67	50	35	32	1	-	59
30-34	7,386	164	1,797	1,945	1,202	811	441	286	159	98	116	6	1	360
35	960	26	228	198	126	93	60	53	35	30	58	1	-	52
36	756	13	177	145	98	61	52	44	35	24	65	4	-	38
37	513	12	120	87	65	33	32	31	24	20	47	6	-	36
38	328	8	70	54	41	26	17	17	17	12	40	7	-	19
39	265	5	51	47	29	22	19	9	12	14	34	4	1	18
35-39	2,822	64	646	531	359	235	180	154	123	100	244	22	1	163
40	171	4	22	25	22	17	6	9	8	9	19	13	2	15
41	121	6	20	18	10	7	16	8	2	1	17	7	1	8
42	69	1	15	10	1	7	6	5	2	3	9	3	1	6
43	34	4	3	7	6	2	-	2	-	3	4	2	-	1
44	23	-	3	5	6	-	1	2	-	1	1	2	2	-
40-44	418	15	63	65	45	33	29	26	12	17	50	27	6	30
45 and over	22	1	-	2	2	1	1	2	-	2	3	2	4	2
Age not stated	2	-	-	-	-	1	-	-	-	-	-	-	-	1

**Table 2.12 Births in 2007, classified by period of gestation and age of mother at maternity**

Age of mother at maternity	Period of gestation in weeks			
	Total	under 37	37 & over	Not stated
All ages	71,389	4,006	65,341	2,042
15 and under	69	6	59	4
16-19	2,436	186	2,166	84
20-24	8,919	474	8,156	289
25-29	16,590	866	15,201	523
30-34	24,409	1,237	22,525	647
35-39	15,851	1,024	14,437	390
40-44	2,978	197	2,683	98
45 years and over	118	16	98	4
Age not stated	19	-	16	3

**Table 2.13 Births in 2007, classified by age of mother at maternity and by birthweight**

Age of mother at maternity	Weight			
	Total	under 2500g	2500g & over	Not stated
All ages	71,389	3,597	66,949	843
15 and under	69	4	63	2
16-19	2,436	175	2,223	38
20-24	8,919	455	8,357	107
25-29	16,590	793	15,608	189
30-34	24,409	1,087	23,039	283
35-39	15,851	888	14,779	184
40-44	2,978	184	2,755	39
45 years and over	118	10	107	1
Age not stated	19	1	18	-

**Table 2.14 Births in 2007, classified by period of gestation and birthweight**

Gestation in weeks	Weight			
	Total	under 2500g	2500g & over	Not stated
Period of gestation in weeks				
Total	71,389	3,597	66,949	843
under 37	4,006	2,339	1,572	95
37 & over	65,341	1,179	63,880	282
Not stated	2,042	79	1,497	466



**Table 2.15 Births in 2007 showing place of occurrence and area of normal residence**

Area	Hospital births				Domiciliary births			
	Total number registered	Number transferred from area	Number transferred to area	Net number	Total number registered	Number transferred from area	Number transferred to area	Net number
STATE	70,990	3,384	3,384	70,990	399	-	-	399
LEINSTER	39,802	1,091	1,659	40,370	222	3	1	220
Carlow	-	-	982	982	4	-	-	4
Dublin City	25,379	18,309	217	7,287	70	36	9	43
South Dublin	-	-	4,706	4,706	15	9	9	15
Fingal	-	-	5,262	5,262	25	19	21	27
Dun Laoghaire Rathdown	1,515	1,131	2,221	2,605	9	-	23	32
Kildare	-	-	3,885	3,885	12	1	1	12
Kilkenny	1,874	1,020	415	1,269	8	-	-	8
Laois	2,146	1,072	202	1,276	10	2	-	8
Longford	-	-	594	594	1	1	-	0
Louth	4,231	2,505	87	1,813	18	11	-	7
Meath	-	-	3,482	3,482	17	3	10	24
Offaly	-	-	1,173	1,173	9	-	-	9
Westmeath	2,483	1,490	406	1,399	1	1	1	1
Wexford	2,174	306	402	2,270	7	1	-	6
Wicklow	-	-	2,367	2,367	16	1	9	24
MUNSTER	18,743	799	806	18,750	140	2	2	140
Clare	-	-	1,771	1,771	10	-	2	12
Cork City	8,249	6,862	4	1,391	34	23	-	11
Cork County	-	-	6,408	6,408	41	-	22	63
Kerry	1,805	112	329	2,022	27	-	1	28
Limerick City	5,094	4,242	12	864	7	4	-	3
Limerick County	-	-	2,088	2,088	4	1	2	5
North Tipperary	-	-	1,239	1,239	2	-	2	4
South Tipperary	1,129	268	322	1,183	4	1	-	3
Waterford City	2,466	1,718	12	760	8	6	-	2
Waterford County	-	-	1,024	1,024	3	-	6	9
CONNACHT	8,811	1,230	244	7,825	22	-	1	23
Galway City	3,370	2,396	36	1,010	14	10	-	4
Galway County	1,996	1,353	2,135	2,778	-	-	10	10
Leitrim	-	-	481	481	-	-	-	-
Mayo	1,858	132	131	1,857	4	-	-	4
Roscommon	-	-	785	785	2	-	1	3
Sligo	1,587	717	44	914	2	-	-	2
ULSTER (PART OF)	3,634	264	675	4,045	15	-	1	16
Cavan	1,675	748	161	1,088	3	-	-	3
Donegal	1,959	2	191	2,148	8	-	-	8
Monaghan	-	-	809	809	4	-	1	5
REGIONAL AUTHORITIES:	70,990	13,867	13,867	70,990	399	32	32	399
Border	9,452	2,493	294	7,253	35	10	-	25
Midland	4,629	1,302	1,115	4,442	21	4	1	18
West	7,224	1,075	281	6,430	20	-	1	21
Dublin	26,894	7,588	554	19,860	119	10	8	117
Mid-East	-	-	9,734	9,734	45	4	19	60
Mid-West	5,094	216	1,084	5,962	23	1	2	24
South-East	7,643	815	660	7,488	34	2	-	32
South-West	10,054	378	145	9,821	102	1	1	102

**Table 2.16 Births in 2007 by day of occurrence and mothers usual residence**

Area of residence	Day of occurrence						
	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
STATE	10,308	11,422	11,425	11,637	10,876	8,175	7,546
LEINSTER	5,811	6,388	6,348	6,537	6,174	4,793	4,539
Carlow	141	162	138	195	125	124	101
Dublin City	1,033	1,102	1,145	1,145	1,144	884	877
South Dublin	631	718	766	753	739	567	547
Fingal	789	783	848	840	773	658	598
Dun Laoghaire Rathdown	396	431	446	448	342	284	290
Kildare	564	624	593	603	609	465	439
Kilkenny	180	217	208	214	180	142	136
Laois	165	234	168	220	217	154	126
Longford	77	94	110	86	106	59	62
Louth	253	301	293	310	292	186	185
Meath	520	562	569	554	520	383	398
Offaly	179	183	184	170	185	130	151
Westmeath	216	208	212	220	235	177	132
Wexford	296	388	313	400	366	277	236
Wicklow	371	381	355	379	341	303	261
MUNSTER	2,625	3,149	3,174	3,140	2,934	2,050	1,818
Clare	229	295	332	307	264	186	170
Cork City	208	235	219	218	217	155	150
Cork County	880	1,022	1,064	1,134	1,056	705	610
Kerry	306	387	293	355	318	201	190
Limerick City	99	147	130	134	157	107	93
Limerick County	256	404	387	375	303	199	169
North Tipperary	159	236	219	210	182	117	120
South Tipperary	163	196	218	158	204	135	112
Waterford City	144	88	128	94	103	108	97
Waterford County	181	139	184	155	130	137	107
CONNACHT	1,280	1,272	1,304	1,238	1,132	859	763
Galway City	167	153	141	168	141	131	113
Galway County	444	496	476	404	411	303	254
Leitrim	75	72	86	67	76	56	49
Mayo	321	293	303	345	250	181	168
Roscommon	110	121	117	129	132	90	89
Sligo	163	137	181	125	122	98	90
ULSTER (PART OF)	592	613	599	722	636	473	426
Cavan	158	185	145	173	205	122	103
Donegal	312	299	341	411	307	252	234
Monaghan	122	129	113	138	124	99	89
REGIONAL AUTHORITIES:							
Border	1,083	1,123	1,159	1,224	1,126	813	750
Midland	637	719	674	696	743	520	471
West	1,042	1,063	1,037	1,046	934	705	624
Dublin	2,849	3,034	3,205	3,186	2,998	2,393	2,312
Mid-East	1,455	1,567	1,517	1,536	1,470	1,151	1,098
Mid-West	743	1,082	1,068	1,026	906	609	552
South-East	1,105	1,190	1,189	1,216	1,108	923	789
South-West	1,394	1,644	1,576	1,707	1,591	1,061	950

**Table 2.17 Births per 1,000 women in each age group, Ireland, England and Wales, 2007**

Age of mother	Total Births per 1,000 women		Births (within marriage) per 1,000 married women		Births (outside marriage) per 1,000 single, widowed, divorced or separated women	
	Ireland*	England and Wales	Ireland*	England and Wales	Ireland*	England and Wales
15 - 19 years	18.0	26.0	358.3	498.6 <sup>1</sup>	16.5	24.3
20 - 24 "	53.0	73.5	331.0	307.4	42.0	55.6
25 - 29 "	82.0	104.0	206.4	231.5	44.0	58.7
30 - 34 "	134.3	110.2	206.0	169.8	52.8	57.5
35 - 39 "	94.2	56.9	116.3	69.3	45.7	39.8
40 - 44 "	19.0	11.4	21.4	11.7	13.2	11.0
45 - 49 "	0.8	0.7	0.8	0.7	0.8	0.7
Total 15 - 49 years	61.4	62.0	98.3	98.5	35.0	42.3

\* Rates are based on the 2007 April population estimates.

<sup>1</sup> Since the number of births within marriage in the under 20 age group is small, caution should be exercised in the interpretation of trends in this rate.

**Table 2.18 Number of multiple births and the number of twins per 1,000 maternities, 1984-2007**

Year	Live births	Maternities which resulted in live issue	Multiple confinements				
			Twins	Triplets	Quadruplets	Quintuplets	Twinning rate
1984	64,062	63,364	733	3	-	-	11.6
1985	62,388	61,736	651	6	-	-	10.5
1986	61,620	60,993	642	8	-	-	10.5
1987	58,433	57,818	625	12	-	-	10.8
1988	54,600	53,981	639	5	-	-	11.8
1989	52,018	51,398	626	7	-	-	12.2
1990	53,044	52,425	649	8	-	1	12.4
1991	52,718	52,142	610	6	2	-	11.7
1992	51,089	50,505	602	8	3	-	11.9
1993	49,304	48,748	574	13	-	-	11.8
1994	48,255	47,670	602	14	1	-	12.6
1995	48,787	48,138	674	16	-	-	14.0
1996	50,655	49,996	675	22	-	-	13.5
1997	52,775	52,071	737	26	1	-	14.2
1998	53,969	53,262	742	22	1	-	13.9
1999	53,924	53,191	728	29	-	-	13.7
2000	54,789	54,084	726	16	1	-	13.4
2001	57,842	56,962	891	24	2	1	15.6
2002	60,503	59,620	890	18	3	-	14.9
2003	61,529	60,645	896	26	-	-	14.8
2004	61,972	61,007	979	16	1	-	16.0
2005	61,372	60,456	937	13	1	-	15.5
2006	65,425	64,427	990	17	1	-	15.4
2007	71,389	70,287	1,105	26	1	-	15.7

**Table 2.19 Births by area of residence of mother during 2007 showing separately births outside marriage**

Area of residence	Total (including outside marriage)			Rate per 1,000 population	Outside marriage			Percentage births outside marriage
	Males	Females	Total		Males	Females	Total	
STATE	36,487	34,902	71,389	16.5	12,084	11,556	23,640	33.1
LEINSTER	20,775	19,815	40,590	17.3	7,321	6,999	14,320	35.3
Carlow	499	487	986	19.1	177	179	356	36.1
Dublin City	3,714	3,616	7,330	14.1	1,708	1,682	3,390	46.2
South Dublin	2,369	2,352	4,721	18.7	942	982	1,924	40.8
Fingal	2,733	2,556	5,289	21.5	843	785	1,628	30.8
Dun Laoghaire Rathdown	1,303	1,334	2,637	13.3	303	350	653	24.8
Kildare	2,013	1,884	3,897	20.4	566	537	1,103	28.3
Kilkenny	694	583	1,277	14.3	188	160	348	27.3
Laois	664	620	1,284	18.7	220	196	416	32.4
Longford	306	288	594	16.9	89	88	177	29.8
Louth	931	889	1,820	16.0	399	347	746	41.0
Meath	1,802	1,704	3,506	21.0	523	497	1,020	29.1
Offaly	616	566	1,182	16.3	201	196	397	33.6
Westmeath	722	678	1,400	17.2	237	207	444	31.7
Wexford	1,164	1,112	2,276	16.9	502	427	929	40.8
Wicklow	1,245	1,146	2,391	18.5	423	366	789	33.0
MUNSTER	9,565	9,325	18,890	15.7	3,003	2,924	5,927	31.4
Clare	910	873	1,783	15.7	239	243	482	27.0
Cork City	718	684	1,402	11.5	358	338	696	49.6
Cork County	3,251	3,220	6,471	17.5	797	789	1,586	24.5
Kerry	1,042	1,008	2,050	14.3	292	296	588	28.7
Limerick City	441	426	867	16.1	237	235	472	54.4
Limerick County	1,042	1,051	2,093	15.6	307	294	601	28.7
North Tipperary	624	619	1,243	18.4	184	202	386	31.1
South Tipperary	622	564	1,186	13.9	237	213	450	37.9
Waterford City	391	371	762	16.3	190	165	355	46.6
Waterford County	524	509	1,033	16.2	162	149	311	30.1
CONNACHT	4,058	3,790	7,848	15.2	1,108	1,019	2,127	27.1
Galway City	513	501	1,014	13.7	183	161	344	33.9
Galway County	1,420	1,368	2,788	17.1	320	307	627	22.5
Leitrim	264	217	481	16.2	72	61	133	27.7
Mayo	981	880	1,861	14.7	273	242	515	27.7
Roscommon	391	397	788	13.1	95	115	210	26.6
Sligo	489	427	916	14.7	165	133	298	32.5
ULSTER (PART OF)	2,089	1,972	4,061	14.8	652	614	1,266	31.2
Cavan	552	539	1,091	16.7	156	166	322	29.5
Donegal	1,111	1,045	2,156	14.3	373	323	696	32.3
Monaghan	426	388	814	14.2	123	125	248	30.5
REGIONAL AUTHORITIES:								
Border	3,773	3,505	7,278	15.1	1,288	1,155	2,443	33.6
Midland	2,308	2,152	4,460	17.1	747	687	1,434	32.2
West	3,305	3,146	6,451	15.4	871	825	1,696	26.3
Dublin	10,119	9,858	19,977	16.5	3,796	3,799	7,595	38.0
Mid-East	5,060	4,734	9,794	19.7	1,512	1,400	2,912	29.7
Mid-West	3,017	2,969	5,986	16.4	967	974	1,941	32.4
South-East	3,894	3,626	7,520	15.9	1,456	1,293	2,749	36.6
South-West	5,011	4,912	9,923	15.7	1,447	1,423	2,870	28.9

**Table 2.20 Average age at maternity by area of residence of mother during 2007 showing separately births inside and outside marriage**

Area of residence	Total (including outside marriage)		Within marriage		Outside marriage	
	Total births	First births	Total births	First births	Total births	First births
STATE	31.1	28.8	32.9	31.3	27.4	25.6
LEINSTER	31.0	28.8	32.9	31.3	27.5	25.7
Carlow	30.3	28.1	32.3	30.7	26.8	25.4
Dublin City	30.4	28.5	32.9	31.4	27.6	26.0
South Dublin	30.2	27.9	32.5	31.0	26.9	25.0
Fingal	31.1	29.3	32.6	31.1	27.9	26.3
Dun Laoghaire Rathdown	33.3	31.2	34.6	33.0	29.4	27.5
Kildare	31.5	29.1	33.1	31.3	27.4	25.7
Kilkenny	31.6	29.4	33.2	31.8	27.4	25.5
Laois	30.4	28.0	32.1	30.5	26.9	24.8
Longford	30.9	28.3	32.5	30.3	27.0	25.5
Louth	30.2	27.6	32.6	30.8	26.7	24.8
Meath	31.4	29.3	32.9	31.4	27.8	26.2
Offaly	30.5	28.2	32.5	30.8	26.6	25.2
Westmeath	30.8	28.4	32.5	30.7	27.2	24.9
Wexford	30.4	27.9	32.7	30.9	27.2	25.2
Wicklow	31.4	29.3	33.2	31.4	27.9	26.5
MUNSTER	31.3	29.0	33.1	31.5	27.4	25.5
Clare	31.8	29.6	33.3	32.0	27.8	25.8
Cork City	29.6	27.3	32.4	30.5	26.8	25.2
Cork County	32.0	29.9	33.3	31.8	27.9	26.1
Kerry	31.6	29.2	33.2	31.4	27.7	25.6
Limerick City	28.8	26.0	31.8	29.7	26.3	23.8
Limerick County	31.5	29.6	33.1	31.7	27.6	26.1
North Tipperary	31.5	28.8	33.3	31.7	27.6	25.3
South Tipperary	30.7	28.3	33.1	31.8	26.7	24.7
Waterford City	29.2	26.2	31.6	29.1	26.4	24.1
Waterford County	31.7	29.5	33.4	31.9	27.7	26.1
CONNACHT	31.6	29.2	33.0	31.3	27.6	26.0
Galway City	30.3	28.4	31.9	30.2	27.2	26.3
Galway County	32.2	29.8	33.4	31.8	27.9	25.9
Leitrim	31.4	28.9	32.8	31.0	27.6	25.4
Mayo	31.4	29.0	32.9	31.1	27.7	26.3
Roscommon	31.7	29.0	33.2	31.5	27.6	25.6
Sligo	31.3	28.8	33.3	31.6	27.2	25.5
ULSTER (PART OF)	30.7	27.9	32.6	30.8	26.5	24.6
Cavan	30.8	27.9	32.8	30.5	26.2	24.6
Donegal	30.7	27.9	32.6	31.1	26.6	24.6
Monaghan	30.6	28.0	32.4	30.6	26.6	24.5
REGIONAL AUTHORITIES:						
Border	30.7	28.0	32.7	30.9	26.7	24.8
Midland	30.6	28.2	32.4	30.6	26.9	25.0
West	31.6	29.2	33.0	31.3	27.7	26.1
Dublin	31.0	28.9	33.0	31.5	27.7	25.9
Mid-East	31.4	29.2	33.0	31.4	27.7	26.1
Mid-West	31.2	28.9	33.1	31.5	27.3	25.3
South-East	30.7	28.3	32.8	31.2	27.0	25.2
South-West	31.6	29.3	33.2	31.6	27.6	25.8

**Table 2.21 Births inside and outside marriage and rates per 1,000 population, 1864-2007**

Period	Inside marriage		Outside marriage				
	Total	Rate	Total	Rate	Male	Female	% of all births
1864-1870	104,342	25.17	2,584	0.62	1,304	1,280	2.42
1871-1880	102,674	25.88	1,705	0.43	878	827	1.63
1881-1890	82,187	22.45	1,575	0.43	816	759	1.89
1891-1900	72,527	21.76	1,468	0.44	753	715	1.99
1901-1910	69,912	22.08	1,468	0.46	754	714	2.06
1911-1920	64,912	20.99	1,595	0.51	815	780	2.41
1921-1930	58,700	19.64	1,706	0.57	880	826	2.83
1931-1940	55,212	18.70	1,893	0.64	970	923	3.31
1941-1950	62,728	21.13	2,282	0.77	1,173	1,109	3.51
1951-1960	60,444	20.82	1,220	0.42	633	587	1.97
1961-1970	61,035	21.19	1,382	0.48	700	682	2.21
1971-1980	66,806	20.93	2,633	0.82	1,356	1,277	3.77
1981-1990	55,985	15.94	5,643	1.61	2,894	2,749	9.16
1991-2000	39,091	10.75	12,535	3.45	6,454	6,081	24.28
1995	37,925	10.53	10,862	3.02	5,649	5,213	22.26
1996	37,858	10.44	12,797	3.53	6,671	6,126	25.26
1997	38,626	10.55	14,149	3.87	7,090	7,059	26.81
1998	38,477	10.39	15,492	4.18	7,940	7,552	28.71
1999	37,134	9.92	16,790	4.48	8,752	8,038	31.14
2000	37,523	9.91	17,266	4.56	8,945	8,321	31.51
2001	39,740	10.35	18,114	4.72	9,295	8,819	31.31
2002	41,624	10.63	18,879	4.82	9,639	9,240	31.20
2003	42,319	10.64	19,210	4.83	9,902	9,308	31.22
2004	42,156	10.42	19,783	4.89	10,206	9,577	31.94
2005	41,871	10.13	19,501	4.71	9,968	9,533	31.78
2006	44,028	10.38	21,397	5.05	11,072	10,325	32.70
2007	47,749	11.00	23,640	5.48	12,084	11,566	33.10

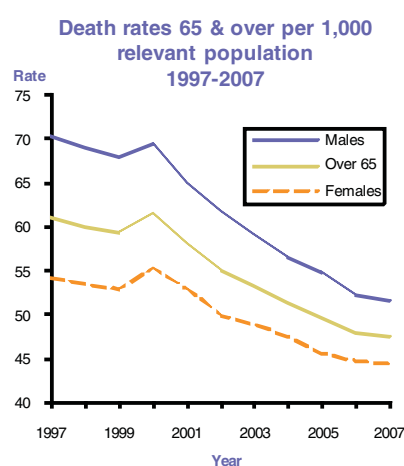
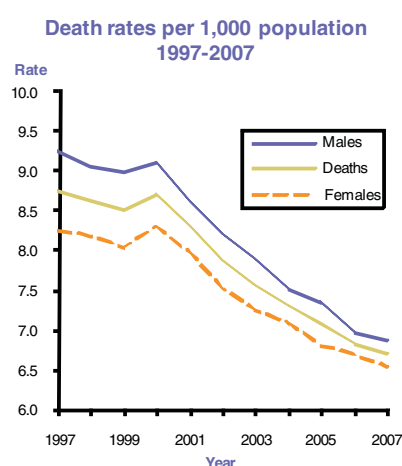
**Table 2.22 Total births in 2007 classified by nationality of mother and marital status**

Nationality of mother	Total births	% of total births	% of births outside marriage
Ireland	53,956	75.6	32.8
United Kingdom	1,741	2.4	40.1
EU15 excl. Irl & UK	855	1.2	39.2
Accession states (EU27 excl. EU15)	4,413	6.2	43.6
Other	5,534	7.8	22.8
Not stated	4,890	6.9	34.7
Total	71,389	100.0	33.1

# Chapter 3

## Deaths 2007

There were 28,117 deaths in Ireland in 2007, of which 14,391 were males and 13,726 were females. This is equivalent to a rate of 6.5 deaths per 1,000 total population compared to 6.7 in 2006 and 6.8 in 2005. The crude death rate per 1,000 of population has shown a gradual downward trend since the beginning of the century with striking long-term falls occurring in the death rates at the younger ages. See tables 3.1 and 3.2.



### Standardised death rates comparison between counties

Variations in the age distribution of the population from one area to another have an effect on the comparability of death rates between different areas. Comparisons over a period of years are also affected by changes in the age-sex structures of the population. If a particular county contains a large proportion of elderly persons, the crude death rate per 1,000 of population will be relatively high even if the health conditions in that area are better than the general average. In an attempt to overcome this, standardised rates are prepared. For a particular county this is done by calculating the death rate in each age group of the population in that county and multiplying the death rate in each age group by the population in the whole country in that age group, summing the resulting products and dividing by the overall population.

The same procedure is carried out for the calculation of EU rates. The standard reference population used is the European standard population as defined by the World Health Organisation (WHO).

For more information on the calculation of EU rate, please see:

[http://epp.eurostat.ec.europa.eu/cache/ITY\\_SDDS/EN/hlth\\_cdeath\\_esms.htm](http://epp.eurostat.ec.europa.eu/cache/ITY_SDDS/EN/hlth_cdeath_esms.htm)

**Table I**      **Standardised death rates<sup>1</sup> per 1,000 population in the European Union<sup>2</sup>, 2007**

Area of residence	Death rate per 1,000	Area of residence	Death rate per 1,000
<b>European Union (27 Countries)</b>	<b>6.24</b>		
<b>European Union (15 Countries)</b>	<b>5.60</b>		
Belgium	6.39	Luxembourg	6.15
Bulgaria	10.29	Hungary	9.63
Czech Republic	7.67	Malta	5.90
Denmark	6.83	Netherlands	5.72
Germany	5.85	Austria	5.62
Estonia	9.60	Poland	8.36
<b>Ireland</b>	<b>6.01</b>	Portugal	6.39
Greece	6.23	Romania	9.79
Spain	5.34	Slovenia	6.70
France	5.22	Slovakia	9.17
Italy	5.12	Finland	6.02
Cyprus	5.83	Sweden	5.41
Latvia	10.95	United Kingdom	5.99
Lithuania	10.96		

<sup>1</sup> ICD10: All causes of death (A00-Y89) excluding S00-T98.

<sup>2</sup> Data is for 2007 with the exceptions of Belgium, Denmark, Luxembourg and Portugal where the latest available data prior to 2007 is used.

The standardised death rate presented for Ireland for 2007 is 6.01 per 1,000 of population. This figure is provisional and based on deaths registered in 2007. This rate is below the standardised rate for the European Union 27 countries for which a rate of 6.2 has been calculated and above the standardised rate for the European Union 15 countries, which was calculated at 5.6 deaths per 1,000 of population. The Irish standardised death rate in 2007 was very similar to United Kingdom. The Irish rate was slightly higher at 6.01 per 1,000 of population compared with 5.99 per 1,000 of population for the UK. See *table 1*.

In certain areas the standardised death rates differ significantly from the crude rates, the extremes being Fingal which had a crude death rate of 3.37 and a standardised rate of 5.88 (reflecting the very young age structure in Fingal) and Roscommon where the standardisation had the effect of lowering the crude death rate from 8.38 to 6.21 because of the comparatively older age distribution in that county. The standardised death rates in 2007 were lowest in South Dublin (at 5.25 per thousand) and highest in Limerick City (8.02 per thousand). See *table 3.3*.

### International classification of Diseases, Injuries and Causes of Death (ICD-10)

The Tenth Revision of the International classification of Diseases, Injuries and Causes of Death (ICD-10), as recommended by the World Health Organisation, has been used to classify deaths in Ireland for the 2007 data. It replaces the Ninth Revision, which was used from 1979 to 2006.

Automated coding software produced by the National Centre for Health Statistics (NCHS) in the US is used in coding the underlying causes of death for Irish data, supplemented by manual coding in certain cases.

The main changes to the classification of diseases between ICD-9 and ICD-10 are as follows:

- Inclusion of additional underlying causes (eg AIDS/HIV, chromosomal abnormalities) in the ICD-10 classification
- Expansion of certain underlying causes existent in ICD-9, for certain diseases, providing for the recording of greater levels of detail (e.g. acute myocardial infarction, perinatal conditions, viral hepatitis)
- Movement of underlying causes of death between ICD chapters (e.g. hemorrhage moved from the circulatory chapter to the symptoms and signs chapter in ICD-10, certain disorders of the immune mechanism moved from the endocrine chapter to the blood chapter in ICD-10 and certain disorders of blood moved from the blood chapter to the neoplasm chapter in ICD-10)
- Contraction of certain underlying causes of death (e.g. autoimmune disease and connective tissue disease are given the same code in ICD-10)
- Changes in the inclusion and exclusion guidelines for certain underlying causes of death



- Re-ordering of certain chapters and underlying causes
- Alphanumeric codes used instead of numeric codes

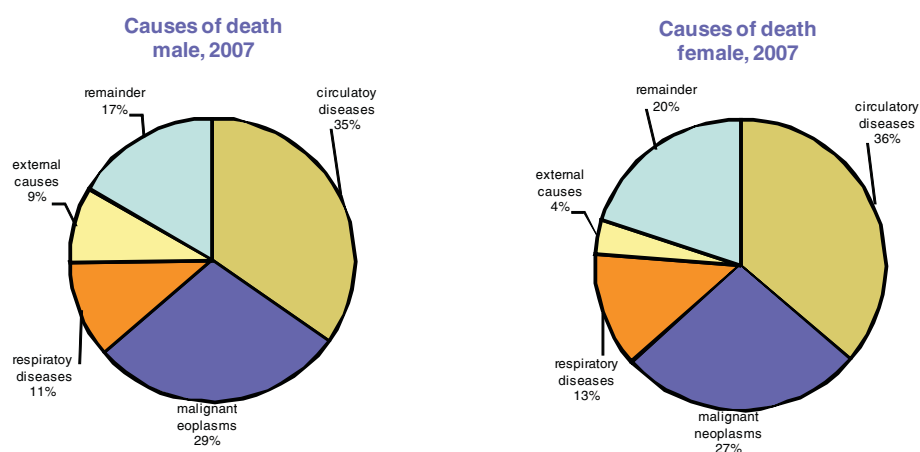
Additionally, there have been changes to the selection rules applied to determine the underlying cause of death. The most significant change relates to Rule 3 which allows a condition from Part I or Part II of the death certificate to be selected as the primary condition if it is an obvious direct consequence of another reported condition. There are a number of guidelines presented for this rule, most significantly the guideline in relation to pneumonia. The effect of this rule change reduces the number of deaths assigned to pneumonia and alternatively assigns the underlying cause of death to the chronic debilitating disease.

For further information on the difference listed above and additional changes and differences between ICD-9 and ICD-10, please go to <http://www.who.int/classifications/help/icdfaq/en/index.html>

These changes have the effect of data being coded to different underlying causes of death at the most detailed level of ICD-10 and at the higher chapter level of ICD-10. For this reason, data cannot be easily compared across ICD-9 and ICD-10.

### Causes of Death

Of deaths occurring in 2007, 76% were attributed to 3 main chapters in the ICD-10 classification: IX diseases of the circulatory system (35.4%), II neoplasms (28.9%), and X diseases of the respiratory system (11.8%). A similar breakdown is evident for males and females. See table 3.8.



Within different age-groups, there are significant differences in the assigned underlying causes of death.

For those aged less than five years of age, the main causes of death were Congenital malformations and chromosomal abnormalities. Over 39% of male deaths and over 41% of female deaths in this age group were attributed to these causes. Certain conditions originating in the perinatal period also accounted for a large volume of deaths in this age-group. The numbers of deaths in the 0-4 age-group are very much dominated by infant deaths (81% aged 0).

A large proportion of deaths in younger age groups, from ages 5 to 34, were due to External causes of injury and poisoning. Just over 75% of males aged 5 to 34 died due external causes of injury and poisoning. The corresponding figure for females was 42%. Additionally, there were over twice as many male deaths in this age-group, compared with the number of female deaths. External causes of injury and poisoning were also the main causes of death for males aged 35-44 while neoplasms were the main causes of female deaths in this age-group.

From 45 to 74 years of age, neoplasms were the main underlying cause of death for both males and females, with older age-groups (75 years and over) more affected by diseases of the circulatory system. See tables 3.9 and 3.10.

## Neoplasms

There were 8,121 deaths due to neoplasms in 2007, 1.87 per 1,000 of population. Of these, 7,917 were due to malignant neoplasm (cancer), 4,193 males and 3,724 females. *See tables 3.12 and 3.13.*

Cancer of the digestive organs was the most common of these cancers. In general, across 10 year age-groups, this was the case for males, except for those aged between 55 and 64 where cancers of the respiratory and intrathoracic organs were slightly higher than cancers of the digestive system. For females, breast cancer was the most common type for those aged between 35 and 64 and cancer of the digestive organs in ages greater than 64 were most prevalent. *See table 3.14.*

Neoplasms were the most common cause of death in females aged from 35 to 74 and in males aged from 45 to 74. Longford had the highest age standardised death rate from neoplasms, 2.34 per 1,000 of population, while South Dublin had the lowest at 1.47 per 1,000 of population. *See tables 3.9 and 3.12.*

**Table II** Crude death rates from cancer (C00-C97) per 1,000 population in Ireland and neighbouring countries, in each year 1984-2007

Year	Ireland*	Northern Ireland	England and Wales	Scotland
1984	1.89	2.12	2.78	2.78
1985	1.89	2.07	2.80	2.81
1986	1.95	2.06	2.78	2.84
1987	1.96	2.14	2.80	2.87
1988	2.03	2.12	2.85	2.89
1989	2.09	2.21	2.84	2.93
1990	2.03	2.20	2.80	2.93
1991	2.06	2.18	2.81	2.98
1992	2.12	2.20	2.80	3.00
1993	2.12	2.22	2.70	3.00
1994	2.07	2.19	2.70	3.00
1995	2.09	2.12	2.70	3.00
1996	2.04	2.18	2.64	2.96
1997	2.04	2.14	2.60	2.91
1998	2.02	2.10	2.60	2.90
1999	2.01	2.10	2.50	2.90
2000	2.02	2.10	2.40	2.90
2001	1.98	2.19	2.70	3.00
2002	1.92	2.15	2.70	3.00
2003	1.91	2.21	2.64	3.00
2004	1.94	2.20	2.54	3.13
2005	1.87	2.22	2.52	2.97
2006	1.90	2.21	2.25	2.95
2007	1.82	2.20	2.53	2.97

## Diseases of the circulatory system

There were 9,956 deaths attributed to diseases of the circulatory system in 2007, of which 4,984 were deaths of males and 4,972 of females. *See table 3.16.*

Overall, diseases of the circulatory system were the most common causes of death, 2.29 deaths per 1,000 of population. This is not surprising due to the high occurrences of such deaths in older age-groups. *See table 3.12.*

For deaths caused by diseases of the circulatory system, 54% were due to Ischaemic heart diseases (56% male, 44% female) and 21% were due to cerebrovascular diseases (39% male and 61% female). Acute myocardial infarction accounted for 2,757 of the 5,375 Ischaemic heart disease deaths. *See tables 3.16 and 3.18.*

North Tipperary recorded the highest age-standardised death rate for diseases of the circulatory system, 3.37 per 1,000 of population, while Dun Laoghaire-Rathdown recorded the lowest at 1.68 per 1,000 of population. *See table 3.12.*

**Table III Deaths and death rates in Ireland\* and neighbouring countries from cancer of the bronchus, trachea and lung in each year 1985 to 2007**

Year	Ireland*	Northern Ireland	England and Wales	Scotland
<b>Number of Deaths</b>				
1985	1,542	757	35,792	4,307
1986	1,558	733	35,257	4,054
1987	1,434	759	35,138	4,290
1988	1,546	777	35,302	4,144
1989	1,594	827	33,184	4,234
1990	1,529	768	33,159	4,123
1991	1,472	788	34,190	4,209
1992	1,559	771	33,662	4,308
1993	1,608	812	32,614	4,299
1994	1,550	768	32,143	4,237
1995	1,574	752	31,627	4,221
1996	1,469	816	30,810	4,126
1997	1,389	771	29,976	4,106
1998	1,523	775	30,199	3,984
1999	1,449	781	29,493	3,961
2000	1,568	792	29,029	3,959
2001	1,478	782	28,728	3,937
2002	1,469	802	28,806	4,057
2003	1,574	810	28,765	3,903
2004	1,609	837	28,328	4,237
2005	1,587	824	28,670	4,009
2006	1,623	850	29,512	4,062
2007	1,679	863	29,660	4,115
<b>Rates per 100,000 population</b>				
1985	44	49	72	81
1986	44	47	70	81
1987	40	48	70	84
1988	44	49	70	81
1989	45	52	66	83
1990	44	48	65	81
1991	42	49	67	84
1992	44	48	66	84
1993	45	50	63	84
1994	43	47	62	83
1995	44	46	61	82
1996	41	49	59	80
1997	38	46	57	80
1998	41	46	58	78
1999	39	46	56	77
2000	41	47	55	77
2001	38	46	55	78
2002	38	47	55	80
2003	40	48	55	77
2004	40	49	53	88
2005	38	48	53	77
2006	38	49	49	79
2007	39	49	55	80

## Respiratory Diseases

(See causes of death note on page 49 in relation to the change in coding rules applied in cases of pneumonia).

Deaths from diseases of the respiratory system in 2007 numbered 3,324, of which 1,565 were males and 1,759 were females. These were largely made up of 1,496 deaths from chronic lower respiratory diseases and 1,128 deaths due to pneumonia and influenza. See table 3.19.

Diseases of the respiratory system accounted for almost 12% of all deaths (0.77 per 1,000 of population), affecting, in particular the older age-groups (80% respiratory deaths occurred in persons aged 75 and over). See tables 3.9 and 3.12.

Limerick City recorded the highest age-standardised death rate for diseases of the respiratory system, 1.05 per 1,000 of population, while Sligo recorded the lowest at 0.54 per 1,000 of population. See table 3.12.

## Accidents, poisoning and violence

The number of deaths from external causes of injury and poisoning occurring in 2007 was 1,759, of which 1,252 were males and 507 females. As has been mentioned, deaths not registered within one year of their occurrence, have been excluded from the main body of this report. The exclusion of these cases may have a relatively more significant effect on the number of deaths classified to some external causes. See *table 3.22*.

Accidents accounted for 62% of all external causes of injury and poisoning, while intentional self harm accounted for a further 26%. Events of undetermined intent and assaults represented 7% and 3% respectively, while complications of medical and surgical care and sequelae of external causes of morbidity and mortality accounted for the remainder. See *table 3.22*.

Over twice as many males died due to external causes compared with females in 2007. Differences in more specific causes of death and also within different age-groups were also significant. Over twice as many males died due to accidents compared with females in 2007. The number of male deaths due to accidents was 4 times higher in ages under 45 and 3 times higher in ages under 55. The majority of accidental deaths in males under 45 years of age were largely due to transport accidents and poisoning by and exposure to noxious substances, with equal proportions and accounting for 78% of these deaths. The majority of female accidents occurred in the older age-groups, particularly in females aged 75 and over which accounted for 37% of female accidents, 53% of these were from falls. See *table 3.23*.

There were 458 deaths due to intentional self-harm in 2007, 362 males and 96 females. Within 10 year age-groups, the highest numbers were recorded for males in the 25-34 age-group (25%) and for females in the 45-54 age-group (26%). See *table 3.23*.

Events of undetermined intent accounted for an additional 119 deaths. See *tables 3.22, 3.23 and 3.24*.

Cork City recorded the highest age-standardised death rate for external causes of injury and poisoning, 0.69 per 1,000 of population, while Fingal recorded the lowest at 0.23 per 1,000 of population. See *table 3.12*.

## Inquests and post-mortems

The number of deaths registered on certificates issued by coroners as a result of inquest and post-mortem examinations during 2007 was 5,574 compared with 5,389 in 2006.

For more detailed information and breakdowns in relation to the causes of death and area of residence of deceases, please go to:

<http://www.cso.ie/px/pxeirestat/database/eirestat/Births%20Deaths%20and%20Marriages/Births%20Deaths%20and%20Marriages.asp>

# Tables

**Table 3.1 Average annual number of deaths for the period 1864-2000 and the number of deaths in the years 1995-2007 classified by sex and age-group**

Period	All ages	0-4	5-9	10-14	15-19	20-24	25-34	35-44	45-54	55-64	65-74	75-84	85 & over
<b>Males</b>													
<b>Average-</b>													
<b>1864-1870</b>	33,878*	9,343	1,313	717	904	1,330	2,212	1,928	2,698	4,046	4,623	3,417	1,298
<b>1871-1880</b>	36,224 <sup>1</sup>	9,276	1,261	732	1,014	1,250	2,149	2,113	2,532	4,249	5,459	4,556	1,604
<b>1881-1890</b>	32,233	7,140	982	653	962	1,270	1,966	1,901	2,495	3,660	4,888	4,636	1,680
<b>1891-1900</b>	29,468	6,240	710	518	859	1,194	2,003	1,731	2,295	3,486	4,275	4,248	1,909
<b>1901-1910</b>	27,031	5,444	566	398	680	964	1,954	1,740	2,050	3,258	4,541	3,827	1,609
<b>1911-1920</b>	26,131	4,703	514	375	656	858	1,689	1,825	2,138	2,723	4,732	4,407	1,511
<b>1921-1930</b>	21,850	3,478	379	269	474	627	1,085	1,253	1,931	2,896	4,391	3,662	1,405
<b>1931-1940</b>	21,469	2,986	308	221	370	490	908	1,063	1,810	3,320	5,412	3,602	979
<b>1941-1950</b>	21,726	2,971	207	143	291	385	748	910	1,527	2,833	5,602	4,940	1,169
<b>1951-1960</b>	18,999	1,534	93	67	102	121	312	580	1,302	2,582	4,812	5,745	1,749
<b>1961-1970</b>	18,190	1,005	73	56	94	101	193	430	1,224	2,784	4,825	5,204	2,202
<b>1971-1980</b>	18,390	742	74	61	127	154	242	397	1,152	2,902	5,224	5,196	2,119
<b>1981-1990</b>	17,571	395	51	49	135	160	260	387	908	2,488	5,226	5,457	2,055
<b>1991-2000</b>	16,645	219	28	38	129	188	314	418	886	1,974	4,388	5,657	2,406
<b>1995</b>	17,075	206	31	39	125	179	298	421	865	2,007	4,612	5,893	2,399
<b>1996</b>	16,672	199	25	47	121	209	340	418	891	1,931	4,324	5,649	2,518
<b>1997</b>	16,501	194	17	38	137	226	303	423	896	1,918	4,272	5,597	2,480
<b>1998</b>	16,553	229	14	33	146	221	329	452	908	1,940	4,119	5,625	2,537
<b>1999</b>	16,961	213	32	37	141	191	354	432	988	1,901	4,121	5,753	2,798
<b>2000</b>	16,192	232	20	21	146	205	355	478	970	1,870	3,876	5,387	2,632
<b>2001</b>	15,691	223	20	23	129	185	365	468	925	1,873	3,680	5,081	2,719
<b>2002</b>	15,390	199	17	29	117	186	384	449	994	1,835	3,488	5,056	2,636
<b>2003</b>	14,882	219	19	28	87	183	313	432	890	1,836	3,489	4,966	2,611
<b>2004</b>	14,801	181	25	16	106	168	329	461	899	1,819	3,305	4,869	2,623
<b>2005</b>	14,412	136	16	18	118	198	356	424	873	1,743	3,164	4,671	2,695
<b>2006</b>	14,605	175	23	19	90	192	343	429	923	1,723	3,122	4,717	2,849
<b>2007</b>	14,391	156	8	32	109	163	352	449	871	1,846	3,001	4,583	2,821
<b>Females</b>													
<b>Average-</b>													
<b>1864-1870</b>	33,445*	8,217	1,309	766	897	1,105	2,145	2,004	2,591	4,173	4,932	3,807	1,468
<b>1871-1880</b>	35,387 <sup>1</sup>	8,197	1,303	841	1,071	1,078	2,114	2,042	2,392	4,391	5,450	4,747	1,746
<b>1881-1890</b>	31,987	6,236	1,041	808	1,104	1,090	1,995	2,014	2,354	3,859	5,155	4,632	1,699
<b>1891-1900</b>	29,526	5,383	754	683	1,033	1,042	1,898	1,784	2,308	3,651	4,602	4,501	1,887
<b>1901-1910</b>	26,546	4,668	621	536	816	861	1,782	1,669	2,012	3,423	4,673	3,846	1,639
<b>1911-1920</b>	25,322	3,996	565	466	703	737	1,570	1,682	1,858	2,620	5,039	4,567	1,519
<b>1921-1930</b>	21,353	2,858	377	309	523	565	1,134	1,284	1,749	2,620	4,420	3,992	1,522
<b>1931-1940</b>	20,372	2,414	300	238	388	479	986	1,082	1,600	2,827	4,937	3,875	1,246
<b>1941-1950</b>	19,724	2,314	182	152	307	405	826	889	1,302	2,365	4,717	4,815	1,450
<b>1951-1960</b>	16,375	1,139	77	55	72	93	278	519	987	1,859	3,892	5,334	2,070
<b>1961-1970</b>	15,324	779	52	39	47	48	133	331	854	1,688	3,539	5,040	2,774
<b>1971-1980</b>	15,337	557	43	33	51	55	119	245	728	1,691	3,529	5,233	3,052
<b>1981-1990</b>	14,804	299	30	29	50	50	113	225	537	1,444	3,332	5,190	3,506
<b>1991-2000</b>	15,001	166	16	23	48	49	117	257	557	1,104	2,860	5,402	4,402
<b>1995</b>	15,184	167	12	29	42	59	138	247	563	1,096	2,976	5,525	4,330
<b>1996</b>	15,051	166	11	16	51	39	125	235	540	1,044	2,865	5,496	4,463
<b>1997</b>	15,080	187	13	23	62	51	125	263	583	1,092	2,789	5,427	4,465
<b>1998</b>	15,010	145	18	26	54	47	115	272	567	1,078	2,657	5,397	4,634
<b>1999</b>	15,647	178	15	24	51	58	114	252	598	1,091	2,633	5,583	5,050
<b>2000</b>	15,199	151	19	22	61	63	116	307	626	1,074	2,561	5,247	4,952
<b>2001</b>	14,521	186	16	20	40	64	111	301	643	988	2,271	5,158	4,723
<b>2002</b>	14,293	165	11	21	47	54	137	258	553	996	2,253	4,891	4,907
<b>2003</b>	14,192	156	10	14	34	54	107	250	565	1,146	2,104	4,926	4,826
<b>2004</b>	13,864	152	15	17	32	44	129	277	561	1,093	2,078	4,595	4,871
<b>2005</b>	13,848	152	10	20	40	66	127	246	594	1,078	2,046	4,567	4,902
<b>2006</b>	13,883	118	9	16	58	43	123	253	599	1,114	1,856	4,492	5,202
<b>2007</b>	13,726	128	9	18	40	39	144	248	543	1,098	1,973	4,408	5,078

**Table 3.1 (continued) Average annual number of deaths for the period 1864-2000 and the number of deaths in the years 1995-2007 classified by sex and age-group**

Period	All ages	0-4	5-9	10-14	15-19	20-24	25-34	35-44	45-54	55-64	65-74	75-84	85 & over
<b>Persons</b>													
<b>Average-</b>													
<b>1864-1870</b>	67,323	17,560	2,622	1,483	1,801	2,435	4,357	3,932	5,289	8,219	9,555	7,224	2,766
<b>1871-1880</b>	71,611	17,473	2,564	1,573	2,085	2,328	4,263	4,155	4,924	8,640	10,909	9,303	3,350
<b>1881-1890</b>	64,220	13,376	2,023	1,460	2,066	2,360	3,961	3,915	4,849	7,519	10,043	9,268	3,379
<b>1891-1900</b>	58,994	11,623	1,464	1,201	1,892	2,236	3,901	3,515	4,603	7,137	8,877	8,749	3,796
<b>1901-1910</b>	53,577	10,112	1,187	934	1,496	1,825	3,736	3,409	4,062	6,681	9,214	7,673	3,248
<b>1911-1920</b>	51,453	8,699	1,079	841	1,359	1,595	3,259	3,507	3,996	5,343	9,771	8,974	3,030
<b>1921-1930</b>	43,203	6,336	756	578	997	1,192	2,219	2,537	3,680	5,516	8,811	7,654	2,927
<b>1931-1940</b>	41,841	5,400	608	459	758	969	1,894	2,145	3,410	6,147	10,349	7,477	2,225
<b>1951-1960</b>	35,375	2,673	171	122	174	214	590	1,099	2,289	4,442	8,704	11,079	3,819
<b>1961-1970</b>	33,514	1,785	125	95	141	148	326	761	2,078	4,472	8,363	10,244	4,976
<b>1971-1980</b>	33,727	1,299	117	94	179	209	361	642	1,880	4,593	8,753	10,429	5,171
<b>1981-1990</b>	32,375	694	81	79	185	210	374	611	1,445	3,932	8,558	10,647	5,561
<b>1991-2000</b>	31,646	386	43	61	177	237	431	675	1,443	3,078	7,248	11,059	6,808
<b>1995</b>	32,259	373	43	68	167	238	436	668	1,428	3,103	7,588	11,418	6,729
<b>1996</b>	31,723	365	36	63	172	248	465	653	1,431	2,975	7,189	11,145	6,981
<b>1997</b>	31,581	381	30	61	199	277	428	686	1,479	3,010	7,061	11,024	6,945
<b>1998</b>	31,563	374	32	59	200	268	444	724	1,475	3,018	6,776	11,022	7,171
<b>1999</b>	32,608	391	47	61	192	249	468	684	1,586	2,992	6,754	11,336	7,848
<b>2000</b>	31,391	383	39	43	207	268	471	785	1,596	2,944	6,437	10,634	7,584
<b>2001</b>	30,212	409	36	43	169	249	476	769	1,568	2,861	5,951	10,239	7,442
<b>2002</b>	29,683	364	28	50	164	240	521	707	1,547	2,831	5,741	9,947	7,543
<b>2003</b>	29,074	375	29	42	121	237	420	682	1,455	2,978	5,406	9,892	7,437
<b>2004</b>	28,665	333	40	33	138	212	458	738	1,460	2,912	5,383	9,464	7,494
<b>2005</b>	28,260	288	26	38	158	264	483	670	1,467	2,821	5,210	9,238	7,597
<b>2006</b>	28,488	293	32	35	148	235	466	682	1,522	2,837	4,978	9,209	8,051
<b>2007</b>	28,117	284	17	50	149	202	496	697	1,414	2,944	4,974	8,991	7,899

\* For the period 1864-1870 the ages at death were unspecified for an average annual number of 80 persons of whom 49 were males and 31 were females. These numbers are included in the totals.

<sup>1</sup> For the period 1871-1880 the ages at death were unspecified for an average annual number of 44 persons of whom 29 were males and 15 were females. These numbers are included in the totals.

**Table 3.2 Average annual death rates for the period 1864-2000 and death rates for the years 1995-2007 per 1,000 corresponding population classified by sex and age-group**

Period	All ages	0-4	5-9	10-14	15-19	20-24	25-34	35-44	45-54	55-64	65-74	75-84	85 & over
<b>Males</b>													
<b>Average</b>													
<b>1864-1870</b>	16.49	36.85	5.53	3.00	4.22	7.07	8.24	9.55	14.86	25.55	60.25	125.94	239.09
<b>1871-1880</b>	18.55	39.78	5.26	3.05	5.08	7.32	8.88	10.76	15.38	29.21	66.54	144.84	298.18
<b>1881-1890</b>	17.71	36.33	4.55	2.91	4.62	7.31	9.05	10.44	15.56	28.84	65.40	136.47	279.81
<b>1891-1900</b>	17.65	37.57	3.97	2.70	4.47	7.16	9.00	10.32	15.12	28.03	60.82	137.46	298.23
<b>1901-1910</b>	16.90	34.68	3.51	2.44	4.12	6.32	8.44	9.48	14.40	28.73	50.27	111.41	283.22
<b>1911-1920</b>	16.73	30.81	3.35	2.45	4.31	6.32	7.72	9.60	13.99	25.45	46.20	116.64	254.29
<b>1921-1930</b>	14.39	23.58	2.58	1.77	3.21	4.92	5.33	7.08	11.44	24.50	48.08	107.81	217.55
<b>1931-1940</b>	14.21	21.19	2.19	1.50	2.61	3.81	4.48	6.02	10.94	25.34	57.22	105.78	174.77
<b>1941-1950</b>	14.45	20.74	1.53	1.05	2.18	3.13	3.56	5.02	9.75	21.33	52.20	126.93	216.07
<b>1951-1960</b>	12.93	9.91	0.63	0.48	0.83	1.29	1.80	3.15	7.83	19.55	47.93	122.26	256.83
<b>1961-1970</b>	12.56	6.32	0.48	0.38	0.73	1.08	1.27	2.70	7.33	20.19	49.74	115.85	275.25
<b>1971-1980</b>	11.45	4.36	0.43	0.37	0.84	1.24	1.20	2.42	7.36	19.98	49.48	118.47	261.93
<b>1981-1990</b>	10.01	2.38	0.29	0.28	0.80	1.13	1.06	1.84	5.70	17.97	46.63	111.41	251.22
<b>1991-2000</b>	9.21	1.64	0.19	0.23	0.75	1.26	1.21	1.69	4.31	13.40	39.48	100.64	234.27
<b>1995</b>	9.55	1.57	0.21	0.23	0.73	1.21	1.18	1.74	4.28	13.93	41.89	105.23	239.90
<b>1996</b>	9.26	1.55	0.17	0.28	0.70	1.40	1.32	1.70	4.27	13.18	39.17	100.34	237.55
<b>1997</b>	9.07	1.51	0.12	0.23	0.78	1.49	1.16	1.68	4.16	12.84	38.45	99.06	225.45
<b>1998</b>	9.00	1.75	0.10	0.21	0.83	1.45	1.23	1.76	4.08	12.67	36.78	98.17	222.54
<b>1999</b>	9.13	1.59	0.23	0.24	0.81	1.24	1.29	1.64	4.33	12.05	36.57	100.23	243.30
<b>2000</b>	8.60	1.69	0.15	0.14	0.86	1.30	1.25	1.78	4.15	11.47	34.12	93.04	223.05
<b>2001</b>	8.20	1.59	0.15	0.15	0.79	1.15	1.24	1.71	3.89	11.02	31.97	86.41	222.87
<b>2002</b>	7.91	1.40	0.13	0.20	0.73	1.13	1.24	1.60	4.11	10.34	29.81	84.69	210.88
<b>2003</b>	7.53	1.51	0.14	0.19	0.56	1.10	0.99	1.51	3.63	9.87	29.32	81.41	200.85
<b>2004</b>	7.36	1.21	0.18	0.11	0.69	1.00	1.01	1.56	3.60	9.47	27.09	78.53	201.77
<b>2005</b>	6.99	0.89	0.11	0.13	0.79	1.16	1.04	1.39	3.41	8.76	25.31	74.14	192.50
<b>2006</b>	6.89	1.13	0.16	0.13	0.61	1.11	0.93	1.36	3.51	8.36	24.58	72.57	189.93
<b>2007</b>	6.63	0.97	0.05	0.23	0.75	0.93	0.91	1.39	3.25	8.75	23.45	69.44	176.31
<b>Females</b>													
<b>Average-</b>													
<b>1864-1870</b>	15.77	33.33	5.66	3.36	4.05	5.58	7.56	9.10	12.88	24.38	62.03	121.93	228.66
<b>1871-1880</b>	17.61	36.12	5.56	3.67	5.19	6.08	8.06	9.65	13.33	27.63	66.20	142.88	275.52
<b>1881-1890</b>	17.30	32.66	4.95	3.75	5.30	6.54	8.65	10.01	13.77	28.21	66.95	135.21	259.63
<b>1891-1900</b>	17.62	33.39	4.34	3.71	5.46	6.60	8.41	9.91	13.96	28.16	65.09	142.12	281.89
<b>1901-1910</b>	16.79	30.61	3.97	3.42	5.07	5.98	7.80	9.38	13.75	28.99	48.04	107.57	265.12
<b>1911-1920</b>	16.64	26.99	3.81	3.16	4.84	5.96	7.24	9.42	12.92	24.90	43.53	109.46	220.24
<b>1921-1930</b>	14.52	20.08	2.67	2.13	3.71	4.84	5.61	7.45	11.24	24.08	45.18	98.58	190.62
<b>1931-1940</b>	14.12	17.83	2.21	1.69	2.90	4.11	5.07	6.32	10.35	23.87	51.78	95.90	171.54
<b>1941-1950</b>	13.47	16.72	1.37	1.15	2.38	3.48	4.03	5.02	8.61	18.39	45.25	110.41	196.15
<b>1951-1960</b>	11.42	7.66	0.55	0.41	0.63	1.06	1.58	2.86	6.27	14.16	38.06	104.52	229.70
<b>1961-1970</b>	10.69	5.12	0.36	0.28	0.38	0.53	0.88	2.05	5.28	12.48	33.36	93.30	233.08
<b>1971-1980</b>	9.65	3.44	0.26	0.21	0.36	0.46	0.61	1.54	4.70	11.62	30.12	88.39	223.77
<b>1981-1990</b>	8.42	1.90	0.18	0.17	0.31	0.36	0.46	1.10	3.50	9.99	26.05	73.96	201.82
<b>1991-2000</b>	8.20	1.32	0.11	0.14	0.29	0.34	0.44	1.03	2.78	7.51	22.15	65.18	184.90
<b>1995</b>	8.38	1.35	0.09	0.18	0.26	0.41	0.53	1.01	2.86	7.61	22.93	67.05	187.45
<b>1996</b>	8.24	1.37	0.08	0.10	0.31	0.27	0.48	0.94	2.65	7.19	22.21	65.74	185.19
<b>1997</b>	8.17	1.54	0.10	0.15	0.37	0.35	0.47	1.03	2.76	7.39	21.70	64.38	179.32
<b>1998</b>	8.05	1.18	0.13	0.17	0.32	0.32	0.42	1.04	2.60	7.10	20.76	62.90	178.23
<b>1999</b>	8.31	1.41	0.11	0.16	0.31	0.39	0.41	0.95	2.67	6.99	20.68	64.69	188.43
<b>2000</b>	7.97	1.17	0.15	0.15	0.38	0.41	0.41	1.13	2.72	6.67	20.15	60.45	179.42
<b>2001</b>	7.51	1.40	0.12	0.14	0.26	0.41	0.38	1.08	2.75	5.89	17.80	58.61	167.48
<b>2002</b>	7.25	1.22	0.09	0.15	0.31	0.33	0.44	0.91	2.31	5.72	17.52	54.96	168.05
<b>2003</b>	7.09	1.12	0.08	0.10	0.23	0.32	0.34	0.87	2.33	6.33	16.18	54.13	166.41
<b>2004</b>	6.82	1.07	0.11	0.13	0.22	0.26	0.40	0.94	2.26	5.81	15.86	50.49	162.37
<b>2005</b>	6.68	1.05	0.07	0.15	0.28	0.39	0.38	0.81	2.35	5.53	15.38	49.64	153.19
<b>2006</b>	6.55	0.80	0.06	0.12	0.41	0.25	0.35	0.82	2.31	5.51	13.75	48.30	157.64
<b>2007</b>	6.33	0.84	0.06	0.13	0.28	0.23	0.38	0.79	2.05	5.30	14.61	47.91	145.09



**Table 3.2 (continued) Average annual death rates for the period 1864-2000 and death rates for the years 1995-2007 per 1,000 corresponding population classified by sex and age-group**

Period	All ages	0-4	5-9	10-14	15-19	20-24	25-34	35-44	45-54	55-64	65-74	75-84	85 & over
<b>Persons</b>													
<b>Average-</b>													
<b>1864-1870</b>	16.23	35.11	5.59	3.17	4.13	6.30	7.89	9.31	13.82	24.94	61.15	123.76	233.44
<b>1871-1880</b>	18.06	37.97	5.41	3.35	5.13	6.69	8.45	10.18	14.31	28.38	66.37	143.83	284.60
<b>1881-1890</b>	17.56	35.52	4.75	3.32	4.96	6.93	8.85	10.21	14.64	28.52	66.19	135.84	269.29
<b>1891-1900</b>	17.70	35.51	4.15	3.20	4.96	6.89	8.71	10.11	14.51	28.10	62.96	139.82	289.88
<b>1901-1910</b>	16.91	32.68	3.74	2.92	4.59	6.15	8.12	9.43	14.07	28.86	49.11	109.45	273.79
<b>1911-1920</b>	16.64	28.93	3.58	2.80	4.56	6.15	7.48	9.52	13.47	25.18	44.78	112.87	236.00
<b>1921-1930</b>	14.45	21.86	2.63	1.95	3.46	4.88	5.47	7.26	11.34	24.30	46.58	102.78	202.72
<b>1931-1940</b>	14.17	19.55	2.20	1.59	2.75	3.95	4.77	6.17	10.70	24.64	54.46	100.41	172.56
<b>1941-1950</b>	13.97	18.76	1.45	1.10	2.28	3.30	3.79	5.02	9.18	19.90	48.78	118.20	204.26
<b>1951-1960</b>	12.18	8.81	0.59	0.44	0.74	1.18	1.69	3.01	7.07	16.86	42.95	113.00	241.37
<b>1961-1970</b>	11.63	5.74	0.42	0.33	0.56	0.81	1.08	2.38	6.32	16.38	41.18	103.54	250.05
<b>1971-1980</b>	10.55	3.91	0.35	0.30	0.60	0.86	0.91	1.99	6.03	15.80	39.30	101.17	237.97
<b>1981-1990</b>	9.22	2.15	0.23	0.23	0.56	0.75	0.76	1.48	4.62	13.89	35.66	89.35	217.65
<b>1991-2000</b>	8.70	1.48	0.15	0.19	0.53	0.81	0.82	1.36	3.56	10.46	30.18	79.53	199.77
<b>1995</b>	8.96	1.46	0.15	0.20	0.50	0.82	0.85	1.37	3.58	10.77	31.63	82.56	203.29
<b>1996</b>	8.75	1.46	0.13	0.19	0.51	0.85	0.89	1.32	3.47	10.20	30.04	79.66	201.18
<b>1997</b>	8.62	1.52	0.11	0.19	0.58	0.93	0.81	1.35	3.47	10.13	29.48	78.30	193.99
<b>1998</b>	8.52	1.47	0.12	0.19	0.58	0.90	0.82	1.40	3.35	9.90	28.25	77.13	191.74
<b>1999</b>	8.71	1.51	0.17	0.20	0.57	0.82	0.85	1.29	3.51	9.54	28.15	78.89	204.91
<b>2000</b>	8.28	1.44	0.15	0.15	0.63	0.86	0.83	1.45	3.44	9.09	26.75	73.49	192.49
<b>2001</b>	7.85	1.50	0.14	0.15	0.53	0.78	0.81	1.39	3.32	8.48	24.53	69.75	184.21
<b>2002</b>	7.58	1.31	0.11	0.18	0.52	0.73	0.84	1.26	3.22	8.05	23.38	66.89	180.89
<b>2003</b>	7.31	1.32	0.11	0.15	0.40	0.71	0.66	1.18	2.98	8.11	21.71	65.51	177.07
<b>2004</b>	7.09	1.14	0.15	0.12	0.46	0.63	0.70	1.25	2.94	7.66	21.28	61.86	174.28
<b>2005</b>	6.84	0.97	0.09	0.14	0.54	0.78	0.71	1.11	2.88	7.16	20.19	59.60	165.15
<b>2006</b>	6.72	0.97	0.11	0.13	0.51	0.69	0.65	1.09	2.92	6.97	18.93	58.66	167.73
<b>2007</b>	6.48	0.91	0.06	0.18	0.52	0.58	0.65	1.09	2.66	7.04	18.91	56.91	157.98

**Table 3.3 Crude and standardised death rates by area of residence of deceased in 2007**

Area of residence of deceased	Deaths	Rates per 1,000 population	
		Crude	Standardised
<b>STATE</b>	<b>28,117</b>	<b>6.48</b>	<b>6.48</b>
<b>LEINSTER</b>	<b>13,935</b>	<b>5.93</b>	<b>6.52</b>
Carlow	325	6.31	6.79
Dublin City	4,282	8.27	7.51
South Dublin	876	3.47	5.25
Fingal	827	3.37	5.88
Dún Laoghaire-Rathdown	1,257	6.33	5.46
Kildare	821	4.31	6.29
Kilkenny	559	6.24	5.90
Laois	407	5.93	6.27
Longford	326	9.26	8.00
Louth	754	6.62	6.92
Meath	800	4.80	6.27
Offaly	452	6.23	6.37
Westmeath	526	6.48	6.60
Wexford	904	6.70	6.66
Wicklow	819	6.34	6.99
<b>MUNSTER</b>	<b>8,439</b>	<b>7.03</b>	<b>6.61</b>
Clare	759	6.68	6.22
Cork City	1,098	8.98	7.75
Cork County	2,127	5.74	5.95
Kerry	1,153	8.06	6.57
Limerick City	443	8.24	8.02
Limerick County	906	6.73	6.96
North Tipperary	614	9.09	7.93
South Tipperary	606	7.12	6.18
Waterford City	300	6.41	6.23
Waterford County	433	6.80	6.32
<b>CONNACHT</b>	<b>3,726</b>	<b>7.22</b>	<b>6.10</b>
Galway City	361	4.87	6.25
Galway County	1,071	6.57	5.79
Leitrim	262	8.84	6.69
Mayo	1,064	8.40	6.33
Roscommon	504	8.38	6.21
Sligo	464	7.45	5.95
<b>ULSTER (PART OF)</b>	<b>2,017</b>	<b>7.37</b>	<b>6.38</b>
Cavan	535	8.17	6.94
Donegal	1,050	6.97	6.03
Monaghan	432	7.54	6.73
<b>REGIONAL AUTHORITIES:</b>			
Border	3,497	7.27	6.47
Midland	1,711	6.57	6.66
West	3,000	7.15	6.08
Dublin	7,242	5.98	6.49
Mid-East	2,440	4.91	6.51
Mid-West	2,722	7.46	7.07
South-East	3,127	6.59	6.34
South-West	4,378	6.92	6.46

**Table 3.4 Deaths in 2007 classified by marital status and sex in certain age groups**

Age group	Total	Single	Married	Widowed	Divorced
<b>Persons</b>					
<b>All ages</b>	<b>28,117</b>	<b>7,118</b>	<b>10,879</b>	<b>9,764</b>	<b>356</b>
0-14	351	351	-	-	-
15-19	149	149	-	-	-
20-24	202	201	1	-	-
25-29	248	222	25	-	1
30-34	248	176	68	-	4
35-39	295	174	114	3	4
40-44	402	180	210	2	10
45-49	606	209	360	12	25
50-54	808	230	506	27	45
55-59	1,261	315	822	68	56
60-64	1,683	320	1,155	153	55
65-69	2,033	403	1,289	291	50
70-74	2,941	623	1,586	691	41
75-79	4,017	899	1,758	1,329	31
80-84	4,974	1,057	1,637	2,261	19
85 & over	7,899	1,609	1,348	4,927	15
<b>Males</b>					
<b>All ages</b>	<b>14,391</b>	<b>4,376</b>	<b>7,189</b>	<b>2,594</b>	<b>232</b>
0-14	196	196	-	-	-
15-19	109	109	-	-	-
20-24	163	162	1	-	-
25-29	184	165	18	-	1
30-34	168	127	37	-	4
35-39	191	118	72	-	1
40-44	258	124	128	1	5
45-49	379	146	212	5	16
50-54	492	171	284	10	27
55-59	802	246	492	30	34
60-64	1,044	253	697	56	38
65-69	1,292	304	831	122	35
70-74	1,709	449	1,014	217	29
75-79	2,196	581	1,215	379	21
80-84	2,387	588	1,155	630	14
85 & over	2,821	637	1,033	1,144	7
<b>Females</b>					
<b>All ages</b>	<b>13,726</b>	<b>2,742</b>	<b>3,690</b>	<b>7,170</b>	<b>124</b>
0-14	155	155	-	-	-
15-19	40	40	-	-	-
20-24	39	39	-	-	-
25-29	64	57	7	-	-
30-34	80	49	31	-	-
35-39	104	56	42	3	3
40-44	144	56	82	1	5
45-49	227	63	148	7	9
50-54	316	59	222	17	18
55-59	459	69	330	38	22
60-64	639	67	458	97	17
65-69	741	99	458	169	15
70-74	1,232	174	572	474	12
75-79	1,821	318	543	950	10
80-84	2,587	469	482	1,631	5
85 & over	5,078	972	315	3,783	8

**Table 3.5 Deaths by area in 2007 classified by place of occurrence**

Area of Residence	General and Special Hospitals and Nursing Homes		Mental Hospitals		Local Authority Institutions		Domiciliary		Total	
	Males	Females	Males	Females	Males	Females	Males	Females	Males	Females
<b>STATE</b>	<b>3,852</b>	<b>4,593</b>	<b>34</b>	<b>26</b>	<b>6,449</b>	<b>6,061</b>	<b>4,056</b>	<b>3,046</b>	<b>14,391</b>	<b>13,726</b>
LEINSTER	2,690	3,022	24	13	2,605	2,549	1,678	1,354	6,997	6,938
Carlow	25	30	1	-	78	81	66	44	170	155
Dublin City	1,078	1,245	3	2	591	634	393	336	2,065	2,217
South Dublin	311	247	2	-	118	115	44	39	475	401
Fingal	260	219	4	4	93	96	70	81	427	400
Dun Laoghaire-Rathdown	303	393	2	-	192	230	60	77	557	700
Kildare	94	106	1	1	218	170	135	96	448	373
Kilkenny	36	46	-	-	180	151	88	58	304	255
Laois	34	27	1	-	114	108	74	49	223	184
Longford	31	42	-	1	69	71	67	45	167	159
Louth	116	125	-	1	143	165	110	94	369	385
Meath	148	155	1	1	149	123	113	110	411	389
Offaly	28	56	1	-	126	107	70	64	225	227
Westmeath	50	69	-	-	117	128	101	61	268	258
Wexford	73	110	8	3	241	195	166	108	488	416
Wicklow	103	152	-	-	176	175	121	92	400	419
MUNSTER	767	1,029	9	8	2,210	2,048	1,396	972	4,382	4,057
Clare	33	44	-	-	227	240	136	79	396	363
Cork City	212	234	2	-	196	182	156	116	566	532
Cork County	231	303	3	2	498	495	339	256	1,071	1,056
Kerry	92	112	1	-	339	263	210	136	642	511
Limerick City	27	42	-	1	144	122	60	47	231	212
Limerick County	55	92	2	5	246	216	170	120	473	433
North Tipperary	46	70	1	-	152	168	110	67	309	305
South Tipperary	41	60	-	-	187	145	107	66	335	271
Waterford City	9	21	-	-	103	93	44	30	156	144
Waterford County	21	51	-	-	118	124	64	55	203	230
CONNACHT	270	362	-	3	1,067	941	645	438	1,982	1,744
Galway City	24	38	-	-	110	100	47	42	181	180
Galway County	99	119	-	1	294	259	167	132	560	511
Leitrim	15	15	-	-	72	77	48	35	135	127
Mayo	57	111	-	-	293	254	220	129	570	494
Roscommon	51	52	-	1	152	100	92	56	295	209
Sligo	24	27	-	1	146	151	71	44	241	223
ULSTER (Part of)	125	180	1	2	567	523	337	282	1,030	987
Cavan	44	53	-	-	153	128	84	73	281	254
Donegal	54	88	-	-	310	266	173	159	537	513
Monaghan	27	39	1	2	104	129	80	50	212	220
REGIONAL AUTHORITIES:										
Border	280	347	1	4	928	916	566	455	1,775	1,722
Midland	143	194	2	1	426	414	312	219	883	828
West	231	320	-	2	849	713	526	359	1,606	1,394
Dublin	1,952	2,104	11	6	994	1,075	567	533	3,524	3,718
Mid-East	345	413	2	2	543	468	369	298	1,259	1,181
Mid-West	161	248	3	6	769	746	476	313	1,409	1,313
South-East	205	318	9	3	907	789	535	361	1,656	1,471
South-West	535	649	6	2	1,033	940	705	508	2,279	2,099

**Table 3.6 Deaths in 2007 classified by area of residence and age-group**

Area of residence	All ages	0-4	5-14	15-24	25-34	35-44	45-54	55-64	65-74	75-84	85 & over
<b>STATE</b>	<b>28,117</b>	<b>284</b>	<b>67</b>	<b>351</b>	<b>496</b>	<b>697</b>	<b>1,414</b>	<b>2,944</b>	<b>4,974</b>	<b>8,991</b>	<b>7,899</b>
LEINSTER	13,935	166	33	184	287	413	779	1,521	2,518	4,279	3,755
Carlow	325	5	-	6	7	8	19	35	53	106	86
Dublin City	4,282	27	3	34	95	142	236	429	835	1,343	1,138
South Dublin	876	13	7	20	26	34	79	166	138	226	167
Fingal	827	17	3	12	25	27	63	96	175	210	199
Dun Laoghaire-Rathdown	1,257	12	1	11	14	22	58	102	208	419	410
Kildare	821	19	5	21	23	29	55	95	143	235	196
Kilkenny	559	7	2	9	6	10	30	59	92	180	164
Laois	407	4	2	2	6	13	20	39	57	130	134
Longford	326	3	1	3	4	7	14	30	65	99	100
Louth	754	5	2	14	18	32	44	83	133	234	189
Meath	800	21	1	11	15	21	44	87	136	236	228
Offaly	452	4	-	5	9	11	17	50	74	149	133
Westmeath	526	7	-	9	8	13	26	56	89	161	157
Wexford	904	13	4	15	15	23	40	110	177	276	231
Wicklow	819	9	2	12	16	21	34	84	143	275	223
MUNSTER	8,439	80	26	105	131	174	416	881	1,529	2,809	2,288
Clare	759	9	-	15	14	13	36	90	113	248	221
Cork City	1,098	10	-	13	24	32	65	112	205	376	261
Cork County	2,127	25	8	25	25	47	115	204	376	679	623
Kerry	1,153	9	5	11	18	23	50	124	195	399	319
Limerick City	443	3	3	9	10	11	24	53	100	127	103
Limerick County	906	8	2	10	13	16	44	101	169	302	241
North Tipperary	614	7	3	4	8	7	20	52	120	227	166
South Tipperary	606	3	2	7	8	10	27	58	123	211	157
Waterford City	300	2	1	6	6	8	12	42	56	103	64
Waterford County	433	4	2	5	5	7	23	45	72	137	133
CONNACHT	3,726	20	4	43	55	77	151	347	596	1,250	1,183
Galway City	361	1	-	6	9	15	20	38	62	103	107
Galway County	1,071	4	2	11	16	29	41	102	167	362	337
Leitrim	262	2	-	1	4	3	11	27	50	79	85
Mayo	1,064	8	-	11	13	14	47	105	162	359	345
Roscommon	504	2	2	10	8	9	14	38	75	195	151
Sligo	464	3	-	4	5	7	18	37	80	152	158
ULSTER (Part of)	2,017	18	4	19	23	33	68	195	331	653	673
Cavan	535	5	1	5	8	12	19	56	80	186	163
Donegal	1,050	10	1	12	10	13	38	98	175	324	369
Monaghan	432	3	2	2	5	8	11	41	76	143	141
REGIONAL AUTHORITIES:											
Border	3,497	28	6	38	50	75	141	342	594	1,118	1,105
Midland	1,711	18	3	19	27	44	77	175	285	539	524
West	3,000	15	4	38	46	67	122	283	466	1,019	940
Dublin	7,242	69	14	77	160	225	436	793	1,356	2,198	1,914
Mid-East	2,440	49	8	44	54	71	133	266	422	746	647
Mid-West	2,722	27	8	38	45	47	124	296	502	904	731
South-East	3,127	34	11	48	47	66	151	349	573	1,013	835
South-West	4,378	44	13	49	67	102	230	440	776	1,454	1,203

**Table 3.7 Deaths in 2007 in Ireland and Northern Ireland classified by underlying cause of death and with rates per 100,000 population**

ICD-10 Code	65 COD List	Underlying cause of death	Ireland	Rate	Northern Ireland	Rate
<b>A00-Y89</b>	<b>0</b>	<b>All causes</b>	<b>28,117</b>	<b>648.0</b>	<b>14,649</b>	<b>832.8</b>
A00-B99	1	I Infectious and parasitic diseases	252	5.8	184	10.5
C00-D48	6	II Neoplasms	8,121	187.2	3,992	226.9
D50-D89	25	III Diseases of the blood and bloodforming organs and certain disorders involving the immune mechanism	95	2.2	39	2.2
E00-E90	26	IV Endocrine, nutritional and metabolic diseases	727	16.8	299	17.0
F00-F99	28	V Mental and behavioural disorders	465	10.7	514	29.2
G00-G99	31	VI Diseases of the nervous system	916	21.1 }	*	*
H00-H59	31	VII Diseases of the eye and adnexa	-	- }	588	33.4
H60-H95	31	VIII Diseases of the ear and mastoid process	1	0.0 }	*	*
I00-I99	33	IX Diseases of the circulatory system	9,956	229.5	4,838	275.0
J00-J99	37	X Diseases of the respiratory system	3,324	76.6	1,992	113.2
K00-K93	42	XI Diseases of the digestive system	1,162	26.8	711	40.4
L00-L99	45	XII Diseases of the skin and subcutaneous tissue	60	1.4	26	1.5
M00-M99	46	XIII Diseases of musculoskeletal system and connective tissue	230	5.3	76	4.3
N00-N99	48	XIV Diseases of genitourinary system	666	15.3	381	21.7
O00-O99	50	XV Complications of pregnancy, childbirth and puerperium	2	0.0	0	0.0
P00-P96	51	XVI Certain conditions originating in the perinatal period	84	1.9	50	2.8
Q00-Q99	52	XVII Congenital malformations and chromosomal abnormalities	195	4.5	61	3.5
R00-R99	55	XVIII Symptoms, signs, abnormal findings, ill-defined causes	102	2.4	125	7.1
V01-Y89	58	XX External causes of injury and poisoning	1,759	40.5	773	43.9

\* Data for chapters VI, VII and VIII are amalgamated for Northern Ireland.

**Table 3.8 Deaths in 2007 classified by underlying cause of death and sex**

ICD-10 code	Underlying cause of death	Persons	Males	Females		Persons	Males	Females
						%	%	%
<b>A00-Y89</b>	<b>All causes</b>	<b>28,117</b>	<b>14,391</b>	<b>13,726</b>		<b>100</b>	<b>100</b>	<b>100</b>
A00-B99	I Infectious and parasitic diseases	252	127	125		0.9	0.9	0.9
C00-D48	II Neoplasms	8,121	4,298	3,823		28.9	29.9	27.9
D50-D89	III Diseases of the blood and bloodforming organs and certain disorders involving the immune mechanism	95	42	53		0.3	0.3	0.4
E00-E90	IV Endocrine, nutritional and metabolic diseases	727	365	362		2.6	2.5	2.6
F00-F99	V Mental and behavioural disorders	465	165	300		1.7	1.1	2.2
G00-G99	VI Diseases of the nervous system	916	407	509		3.3	2.8	3.7
H00-H59	VII Diseases of the eye and adnexa	-	-	-		-	-	-
H60-H95	VIII Diseases of the ear and mastoid process	1	1	-		0.0	0.0	-
I00-I99	IX Diseases of the circulatory system	9,956	4,984	4,972		35.4	34.6	36.2
J00-J99	X Diseases of the respiratory system	3,324	1,565	1,759		11.8	10.9	12.8
K00-K93	XI Diseases of the digestive system	1,162	601	561		4.1	4.2	4.1
L00-L99	XII Diseases of the skin and subcutaneous tissue	60	24	36		0.2	0.2	0.3
M00-M99	XIII Diseases of musculoskeletal system and connective tissue	230	68	162		0.8	0.5	1.2
N00-N99	XIV Diseases of genitourinary system	666	290	376		2.4	2.0	2.7
O00-O99	XV Complications of pregnancy, childbirth and puerperium	2	-	2		0.0	-	0.0
P00-P96	XVI Certain conditions originating in the perinatal period	84	46	38		0.3	0.3	0.3
Q00-Q99	XVII Congenital malformations and chromosomal abnormalities	195	109	86		0.7	0.8	0.6
R00-R99	XVIII Symptoms, signs, abnormal findings, ill-defined causes	102	47	55		0.4	0.3	0.4
V01-Y89	XX External causes of injury and poisoning	1,759	1,252	507		6.3	8.7	3.7

**Table 3.9 Deaths in 2007 classified by underlying cause of death, sex and age-group**

ICD-10 code	Underlying cause of death	Sex	All ages	0-4	5-14	15-24	25-34	35-44	45-54	55-64	65-74	75-84	85 & over
<b>A00-Y89</b>	<b>All causes</b>	<b>M</b>	<b>14,391</b>	<b>156</b>	<b>40</b>	<b>272</b>	<b>352</b>	<b>449</b>	<b>871</b>	<b>1,846</b>	<b>3,001</b>	<b>4,583</b>	<b>2,821</b>
		<b>F</b>	<b>13,726</b>	<b>128</b>	<b>27</b>	<b>79</b>	<b>144</b>	<b>248</b>	<b>543</b>	<b>1,098</b>	<b>1,973</b>	<b>4,408</b>	<b>5,078</b>
A00-B99	I Infectious and parasitic diseases	M	127	2	-	2	3	10	9	12	16	45	28
		F	125	2	-	-	4	4	3	8	15	53	36
C00-D48	II Neoplasms	M	4,298	3	5	7	20	81	257	783	1,243	1,386	513
		F	3,823	5	11	13	35	111	284	604	945	1,212	603
D50-D89	III Diseases of the blood and bloodforming organs and certain disorders involving the immune mechanism	M	42	-	-	-	-	1	3	5	12	12	9
		F	53	2	-	-	-	1	1	5	9	6	29
E00-E90	IV Endocrine, nutritional and metabolic diseases	M	365	5	2	5	4	12	14	36	65	148	74
		F	362	2	3	8	9	11	5	13	56	125	130
F00-F99	V Mental and behavioural disorders	M	165	-	-	-	-	-	1	3	17	74	70
		F	300	-	-	1	-	-	-	2	7	94	196
G00-G99	VI Diseases of the nervous system	M	407	11	4	14	7	13	25	42	60	153	78
		F	509	4	3	4	4	8	16	33	52	179	206
H00-H59	VII Diseases of the eye and adnexa	M	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-
H60-H95	VIII Diseases of the ear and mastoid process	M	1	-	-	-	-	1	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-
I00-I99	IX Diseases of the circulatory system	M	4,984	2	3	13	24	81	255	605	1,063	1,709	1,229
		F	4,972	-	1	8	15	33	88	201	505	1,704	2,417
J00-J99	X Diseases of the respiratory system	M	1,565	2	2	2	2	8	32	87	229	659	542
		F	1,759	-	-	1	2	2	17	76	190	598	873
K00-K93	XI Diseases of the digestive system	M	601	2	-	1	13	32	95	96	128	144	90
		F	561	1	-	-	4	14	37	63	75	176	191
L00-L99	XII Diseases of the skin and subcutaneous tissue	M	24	-	-	-	-	-	2	4	3	11	4
		F	36	-	-	-	-	-	-	-	5	13	18
M00-M99	XIII Diseases of musculoskeletal system and connective tissue	M	68	-	-	-	1	-	6	9	14	26	12
		F	162	1	-	-	1	2	3	12	25	42	76
N00-N99	XIV Diseases of genitourinary system	M	290	-	-	-	2	1	1	17	41	117	111
		F	376	-	-	1	1	1	1	9	36	119	208
O00-O99	XV Complications of pregnancy, childbirth and puerperium	M	-	-	-	-	-	-	-	-	-	-	-
		F	2	-	-	-	1	-	1	-	-	-	-
P00-P96	XVI Certain conditions originating in the perinatal period	M	46	46	-	-	-	-	-	-	-	-	-
		F	38	38	-	-	-	-	-	-	-	-	-
Q00-Q99	XVII Congenital malformations and chromosomal abnormalities	M	109	61	5	5	13	5	4	12	2	1	1
		F	86	53	2	4	5	4	3	5	5	5	-
R00-R99	XVIII Symptoms, signs, abnormal findings, ill-defined causes	M	47	13	1	2	1	2	3	7	3	4	11
		F	55	13	-	-	4	2	5	2	2	9	18
V01-Y89	XX External causes of injury and poisoning	M	1,252	9	18	221	262	202	164	128	105	94	49
		F	507	7	7	39	59	55	79	65	46	73	77



**Table 3.10 Percentage of deaths in 2007 classified by underlying cause of death, sex and age-group**

ICD-10 code	Underlying cause of death	Sex	All ages	0-4	5-14	15-24	25-34	35-44	45-54	55-64	65-74	75-84	85 & over
			%	%	%	%	%	%	%	%	%	%	%
<b>A00-Y89</b>	<b>All causes</b>	<b>M</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
		<b>F</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
A00-B99	I Infectious and parasitic diseases	M	0.9	1.3	-	0.7	0.9	2.2	1.0	0.7	0.5	1.0	1.0
		F	0.9	1.6	-	-	2.8	1.6	0.6	0.7	0.8	1.2	0.7
C00-D48	II Neoplasms	M	29.9	1.9	12.5	2.6	5.7	18.0	29.5	42.4	41.4	30.2	18.2
		F	27.9	3.9	40.7	16.5	24.3	44.8	52.3	55.0	47.9	27.5	11.9
D50-D89	III Diseases of the blood and bloodforming organs and certain disorders involving the immune mechanism	M	0.3	-	-	-	-	0.2	0.3	0.3	0.4	0.3	0.3
		F	0.4	1.6	-	-	-	0.4	0.2	0.5	0.5	0.1	0.6
E00-E90	IV Endocrine, nutritional and metabolic diseases	M	2.5	3.2	5.0	1.8	1.1	2.7	1.6	2.0	2.2	3.2	2.6
		F	2.6	1.6	11.1	10.1	6.3	4.4	0.9	1.2	2.8	2.8	2.6
F00-F99	V Mental and behavioural disorders	M	1.1	-	-	-	-	-	0.1	0.2	0.6	1.6	2.5
		F	2.2	-	-	1.3	-	-	-	0.2	0.4	2.1	3.9
G00-G99	VI Diseases of the nervous system	M	2.8	7.1	10.0	5.1	2.0	2.9	2.9	2.3	2.0	3.3	2.8
		F	3.7	3.1	11.1	5.1	2.8	3.2	2.9	3.0	2.6	4.1	4.1
H00-H59	VII Diseases of the eye and adnexa	M	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-
H60-H95	VIII Diseases of the ear and mastoid process	M	0.0	-	-	-	-	0.2	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-
I00-I99	IX Diseases of the circulatory system	M	34.6	1.3	7.5	4.8	6.8	18.0	29.3	32.8	35.4	37.3	43.6
		F	36.2	-	3.7	10.1	10.4	13.3	16.2	18.3	25.6	38.7	47.6
J00-J99	X Diseases of the respiratory system	M	10.9	1.3	5.0	0.7	0.6	1.8	3.7	4.7	7.6	14.4	19.2
		F	12.8	-	-	1.3	1.4	0.8	3.1	6.9	9.6	13.6	17.2
K00-K93	XI Diseases of the digestive system	M	4.2	1.3	-	0.4	3.7	7.1	10.9	5.2	4.3	3.1	3.2
		F	4.1	0.8	-	-	2.8	5.6	6.8	5.7	3.8	4.0	3.8
L00-L99	XII Diseases of the skin and subcutaneous tissue	M	0.2	-	-	-	-	-	0.2	0.2	0.1	0.2	0.1
		F	0.3	-	-	-	-	-	-	-	0.3	0.3	0.4
M00-M99	XIII Diseases of musculoskeletal system and connective tissue	M	0.5	-	-	-	0.3	-	0.7	0.5	0.5	0.6	0.4
		F	1.2	0.8	-	-	0.7	0.8	0.6	1.1	1.3	1.0	1.5
N00-N99	XIV Diseases of genitourinary system	M	2.0	-	-	-	0.6	0.2	0.1	0.9	1.4	2.6	3.9
		F	2.7	-	-	1.3	0.7	0.4	0.2	0.8	1.8	2.7	4.1
O00-O99	XV Complications of pregnancy, childbirth and puerperium	M	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	0.7	-	0.2	-	-	-	-
P00-P96	XVI Certain conditions originating in the perinatal period	M	0.3	29.5	-	-	-	-	-	-	-	-	-
		F	0.3	29.7	-	-	-	-	-	-	-	-	-
Q00-Q99	XVII Congenital malformations and chromosomal abnormalities	M	0.8	39.1	12.5	1.8	3.7	1.1	0.5	0.7	0.1	0.0	0.0
		F	0.6	41.4	7.4	5.1	3.5	1.6	0.6	0.5	0.3	0.1	-
R00-R99	XVIII Symptoms, signs, abnormal findings, ill-defined causes	M	0.3	8.3	2.5	0.7	0.3	0.4	0.3	0.4	0.1	0.1	0.4
		F	0.4	10.2	-	-	2.8	0.8	0.9	0.2	0.1	0.2	0.4
V01-Y89	XX External causes of injury and poisoning	M	8.7	5.8	45.0	81.3	74.4	45.0	18.8	6.9	3.5	2.1	1.7
		F	3.7	5.5	25.9	49.4	41.0	22.2	14.5	5.9	2.3	1.7	1.5

**Table 3.11 Deaths in 2007 classified by underlying cause of death, area of residence and sex**

ICD-10 code	Underlying cause of death	Sex	State	Leinster	Munster	Connacht	Ulster (Part of)	Carlow	Dublin City	South Dublin	Fingal	Dun Laoghaire - Rathdown
<b>A00-Y89</b>	<b>All causes</b>	<b>M</b>	<b>14,391</b>	<b>6,997</b>	<b>4,382</b>	<b>1,982</b>	<b>1,030</b>	<b>170</b>	<b>2,065</b>	<b>475</b>	<b>427</b>	<b>557</b>
		<b>F</b>	<b>13,726</b>	<b>6,938</b>	<b>4,057</b>	<b>1,744</b>	<b>987</b>	<b>155</b>	<b>2,217</b>	<b>401</b>	<b>400</b>	<b>700</b>
A00-B99	I Infectious and parasitic diseases	M	127	66	36	15	10	1	34	3	4	2
		F	125	79	30	8	8	-	29	6	4	11
C00-D48	II Neoplasms	M	4,298	2,141	1,274	585	298	50	628	152	155	200
		F	3,823	1,993	1,113	474	243	44	629	117	132	216
D50-D89	III Diseases of the blood and bloodforming organs and certain disorders involving the immune mechanism	M	42	21	13	7	1	-	3	3	-	6
		F	53	23	16	7	7	-	8	6	-	1
E00-E90	IV Endocrine, nutritional and metabolic diseases	M	365	156	138	46	25	8	28	6	6	13
		F	362	170	110	59	23	4	44	10	4	15
F00-F99	V Mental and behavioural disorders	M	165	76	67	14	8	5	23	4	7	4
		F	300	156	91	28	25	7	62	8	7	18
G00-G99	VI Diseases of the nervous system	M	407	202	118	61	26	4	62	13	6	17
		F	509	268	129	69	43	5	82	18	12	34
H00-H59	VII Diseases of the eye and adnexa	M	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-
H60-H95	VIII Diseases of the ear and mastoid process	M	1	1	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-
I00-I99	IX Diseases of the circulatory system	M	4,984	2,312	1,586	720	366	52	707	159	111	167
		F	4,972	2,398	1,527	661	386	54	747	126	133	228
J00-J99	X Diseases of the respiratory system	M	1,565	760	459	226	120	17	217	38	55	53
		F	1,759	869	540	223	127	19	305	42	40	90
K00-K93	XI Diseases of the digestive system	M	601	346	153	73	29	6	119	25	26	33
		F	561	309	147	57	48	4	119	18	25	31
L00-L99	XII Diseases of the skin and subcutaneous tissue	M	24	10	5	8	1	-	1	-	-	2
		F	36	14	12	7	3	-	3	-	1	1
M00-M99	XIII Diseases of musculoskeletal system and connective tissue	M	68	29	24	7	8	-	4	1	1	4
		F	162	82	52	21	7	-	19	5	5	5
N00-N99	XIV Diseases of genitourinary system	M	290	129	82	48	31	2	35	4	7	13
		F	376	207	94	49	26	11	67	7	14	16
O00-O99	XV Complications of pregnancy, childbirth and puerperium	M	-	-	-	-	-	-	-	-	-	-
		F	2	2	-	-	-	-	-	-	-	-
P00-P96	XVI Certain conditions originating in the perinatal period	M	46	27	13	3	3	-	3	1	4	3
		F	38	24	11	3	-	-	7	1	2	4
Q00-Q99	XVII Congenital malformations and chromosomal abnormalities	M	109	61	26	12	10	3	6	5	6	3
		F	86	48	25	7	6	2	13	6	4	1
R00-R99	XVIII Symptoms, signs, abnormal findings, ill-defined causes	M	47	21	16	4	6	-	5	1	1	2
		F	55	26	17	9	3	-	5	2	2	2
V01-Y89	XX External causes of injury and poisoning	M	1,252	639	372	153	88	22	190	60	38	35
		F	507	270	143	62	32	5	78	29	15	27

**Table 3.11 (continued) Deaths in 2007 classified by underlying cause of death, area of residence and sex**

ICD-10 code	Underlying cause of death	Sex	Kildare	Kilkenny	Laois	Longford	Louth	Meath	Offaly	Westmeath	Wexford
<b>A00-Y89</b>	<b>All causes</b>	<b>M</b>	<b>448</b>	<b>304</b>	<b>223</b>	<b>167</b>	<b>369</b>	<b>411</b>	<b>225</b>	<b>268</b>	<b>488</b>
		<b>F</b>	<b>373</b>	<b>255</b>	<b>184</b>	<b>159</b>	<b>385</b>	<b>389</b>	<b>227</b>	<b>258</b>	<b>416</b>
A00-B99	I Infectious and parasitic diseases	M	2	6	-	-	5	-	-	1	3
		F	2	2	-	5	1	2	3	1	4
C00-D48	II Neoplasms	M	122	84	67	46	95	139	83	79	133
		F	103	75	48	49	107	106	64	68	115
D50-D89	III Diseases of the blood and bloodforming organs and certain disorders involving the immune mechanism	M	-	-	-	-	3	1	1	-	2
		F	2	-	-	1	1	1	-	1	1
E00-E90	IV Endocrine, nutritional and metabolic diseases	M	13	7	8	6	8	9	5	12	20
		F	5	11	13	4	9	10	7	7	16
F00-F99	V Mental and behavioural disorders	M	3	5	1	2	2	3	1	1	8
		F	5	5	2	4	3	7	7	-	7
G00-G99	VI Diseases of the nervous system	M	13	7	4	7	14	14	3	9	19
		F	18	11	7	10	10	13	4	14	16
H00-H59	VII Diseases of the eye and adnexa	M	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-
H60-H95	VIII Diseases of the ear and mastoid process	M	-	-	1	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-
I00-I99	IX Diseases of the circulatory system	M	155	106	78	58	135	131	76	91	157
		F	131	82	76	50	142	147	83	96	161
J00-J99	X Diseases of the respiratory system	M	46	35	33	20	29	52	21	28	58
		F	36	30	24	24	57	51	33	29	42
K00-K93	XI Diseases of the digestive system	M	23	12	7	8	14	10	10	13	28
		F	16	10	5	1	14	15	10	9	11
L00-L99	XII Diseases of the skin and subcutaneous tissue	M	2	-	-	-	-	2	1	-	-
		F	2	-	-	-	2	1	-	1	1
M00-M99	XIII Diseases of musculoskeletal system and connective tissue	M	1	-	1	1	3	2	1	3	3
		F	11	4	2	-	8	5	3	4	5
N00-N99	XIV Diseases of genitourinary system	M	8	11	3	2	9	6	3	4	4
		F	16	9	3	3	11	9	5	8	13
O00-O99	XV Complications of pregnancy, childbirth and puerperium	M	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	1	1	-	-	-
P00-P96	XVI Certain conditions originating in the perinatal period	M	4	-	2	-	-	3	1	-	3
		F	1	-	-	-	-	3	-	-	4
Q00-Q99	XVII Congenital malformations and chromosomal abnormalities	M	8	6	1	1	2	6	3	4	3
		F	4	2	-	1	2	3	1	1	3
R00-R99	XVIII Symptoms, signs, abnormal findings, ill-defined causes	M	3	1	-	1	3	1	-	1	-
		F	1	3	-	-	2	-	-	3	2
V01-Y89	XX External causes of injury and poisoning	M	45	24	17	15	47	32	16	22	47
		F	20	11	4	7	15	15	7	16	15

**Table 3.11 (continued) Deaths in 2007 classified by underlying cause of death, area of residence and sex**

ICD-10 code	Underlying cause of death	Sex	Wicklow	Clare	Cork City	Cork County	Kerry	Limerick City	Limerick County	North Tipperary	South Tipperary	Waterford City
<b>A00-Y89</b>	<b>All causes</b>	<b>M</b>	<b>400</b>	<b>396</b>	<b>566</b>	<b>1,071</b>	<b>642</b>	<b>231</b>	<b>473</b>	<b>309</b>	<b>335</b>	<b>156</b>
		<b>F</b>	<b>419</b>	<b>363</b>	<b>532</b>	<b>1,056</b>	<b>511</b>	<b>212</b>	<b>433</b>	<b>305</b>	<b>271</b>	<b>144</b>
A00-B99	I Infectious and parasitic diseases	M	5	4	6	7	4	3	2	5	-	5
		F	9	2	5	4	3	1	5	2	3	2
C00-D48	II Neoplasms	M	108	104	158	335	161	69	136	88	112	47
		F	120	85	145	286	148	51	129	81	72	46
D50-D89	III Diseases of the blood and bloodforming organs and certain disorders involving the immune mechanism	M	2	1	2	1	2	2	1	1	3	-
		F	1	1	-	4	-	1	-	3	1	2
E00-E90	IV Endocrine, nutritional and metabolic diseases	M	7	13	17	36	23	5	13	6	16	2
		F	11	9	12	36	16	5	6	10	7	2
F00-F99	V Mental and behavioural disorders	M	7	9	6	20	3	5	7	2	10	3
		F	14	11	14	33	8	5	4	4	3	3
G00-G99	VI Diseases of the nervous system	M	10	10	14	27	27	9	8	3	14	2
		F	14	10	17	34	16	9	15	7	14	3
H00-H59	VII Diseases of the eye and adnexa	M	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-
H60-H95	VIII Diseases of the ear and mastoid process	M	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-
I00-I99	IX Diseases of the circulatory system	M	129	135	207	368	253	76	189	136	111	44
		F	142	134	185	416	203	74	151	128	103	51
J00-J99	X Diseases of the respiratory system	M	58	48	62	100	71	18	57	28	29	18
		F	47	63	78	115	64	39	70	28	35	19
K00-K93	XI Diseases of the digestive system	M	12	11	19	41	27	13	9	8	7	9
		F	21	16	21	32	18	7	17	17	6	6
L00-L99	XII Diseases of the skin and subcutaneous tissue	M	2	1	-	-	-	-	-	1	1	1
		F	2	-	2	4	2	1	-	1	1	-
M00-M99	XIII Diseases of musculoskeletal system and connective tissue	M	4	2	4	5	5	1	2	3	-	1
		F	6	8	6	14	8	-	3	4	6	-
N00-N99	XIV Diseases of genitourinary system	M	18	11	7	20	10	4	9	6	8	2
		F	15	8	11	24	8	9	12	4	10	4
O00-O99	XV Complications of pregnancy, childbirth and puerperium	M	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-
P00-P96	XVI Certain conditions originating in the perinatal period	M	3	2	1	2	2	2	-	1	2	1
		F	2	1	2	3	1	-	2	1	-	-
Q00-Q99	XVII Congenital malformations and chromosomal abnormalities	M	4	1	3	7	4	2	2	2	2	2
		F	5	4	3	8	4	1	2	3	-	-
R00-R99	XVIII Symptoms, signs, abnormal findings, ill-defined causes	M	2	2	1	4	1	-	2	1	1	3
		F	4	-	5	5	3	2	1	-	1	-
V01-Y89	XX External causes of injury and poisoning	M	29	42	59	98	49	22	36	18	19	16
		F	6	11	26	38	9	7	16	12	9	6

**Table 3.11 (continued) Deaths in 2007 classified by underlying cause of death, area of residence and sex**

ICD-10 code	Underlying cause of death	Sex	Waterford County	Galway City	Galway County	Leitrim	Mayo	Roscommon	Sligo	Cavan	Donegal	Monaghan
<b>A00-Y89</b>	<b>All causes</b>	<b>M</b>	<b>203</b>	<b>181</b>	<b>560</b>	<b>135</b>	<b>570</b>	<b>295</b>	<b>241</b>	<b>281</b>	<b>537</b>	<b>212</b>
		<b>F</b>	<b>230</b>	<b>180</b>	<b>511</b>	<b>127</b>	<b>494</b>	<b>209</b>	<b>223</b>	<b>254</b>	<b>513</b>	<b>220</b>
A00-B99	I Infectious and parasitic diseases	M	-	2	5	2	3	2	1	4	6	-
		F	3	1	2	1	1	1	2	2	5	1
C00-D48	II Neoplasms	M	64	53	184	33	149	90	76	74	168	56
		F	70	52	149	32	121	46	74	69	129	45
D50-D89	III Diseases of the blood and bloodforming organs and certain disorders involving the immune mechanism	M	-	1	3	-	1	2	-	-	1	-
		F	4	-	1	-	2	-	4	2	2	3
E00-E90	IV Endocrine, nutritional and metabolic diseases	M	7	2	7	4	20	5	8	6	14	5
		F	7	7	19	1	15	9	8	5	13	5
F00-F99	V Mental and behavioural disorders	M	2	3	3	2	4	1	1	2	6	-
		F	6	3	7	3	8	4	3	4	16	5
G00-G99	VI Diseases of the nervous system	M	4	4	18	5	21	6	7	4	17	5
		F	4	8	21	7	17	7	9	7	18	18
H00-H59	VII Diseases of the eye and adnexa	M	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-
H60-H95	VIII Diseases of the ear and mastoid process	M	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-
I00-I99	IX Diseases of the circulatory system	M	67	57	210	46	215	106	86	101	186	79
		F	82	53	181	53	209	88	77	98	201	87
J00-J99	X Diseases of the respiratory system	M	28	24	57	22	61	34	28	39	57	24
		F	29	27	67	16	63	34	16	32	67	28
K00-K93	XI Diseases of the digestive system	M	9	9	18	7	22	11	6	5	17	7
		F	7	8	19	5	16	2	7	14	24	10
L00-L99	XII Diseases of the skin and subcutaneous tissue	M	1	1	2	1	1	2	1	-	1	-
		F	1	3	1	-	2	1	-	1	1	1
M00-M99	XIII Diseases of musculoskeletal system and connective tissue	M	1	-	2	-	1	2	2	1	5	2
		F	3	-	10	1	5	1	4	-	1	6
N00-N99	XIV Diseases of genitourinary system	M	5	2	9	3	21	8	5	11	14	6
		F	4	5	11	6	15	3	9	6	16	4
O00-O99	XV Complications of pregnancy, childbirth and puerperium	M	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-
P00-P96	XVI Certain conditions originating in the perinatal period	M	-	-	1	-	2	-	-	1	2	-
		F	1	-	-	-	2	-	1	-	-	-
Q00-Q99	XVII Congenital malformations and chromosomal abnormalities	M	1	1	5	1	3	1	1	1	7	2
		F	-	-	2	1	1	2	1	2	2	2
R00-R99	XVIII Symptoms, signs, abnormal findings, ill-defined causes	M	1	-	1	1	1	1	-	2	3	1
		F	-	2	2	-	1	3	1	2	1	-
V01-Y89	XX External causes of injury and poisoning	M	13	22	35	8	45	24	19	30	33	25
		F	9	11	19	1	16	8	7	10	17	5

**Table 3.11 (continued) Deaths in 2007 classified by underlying cause of death, area of residence and sex**

ICD-10 code	Underlying cause of death	Sex	Border	Midland	West	Dublin	Mid-East	Mid-West	South-East	South-West
A00-Y89	<b>All causes</b>	<b>M</b>	<b>1,775</b>	<b>883</b>	<b>1,606</b>	<b>3,524</b>	<b>1,259</b>	<b>1,409</b>	<b>1,656</b>	<b>2,279</b>
		<b>F</b>	<b>1,722</b>	<b>828</b>	<b>1,394</b>	<b>3,718</b>	<b>1,181</b>	<b>1,313</b>	<b>1,471</b>	<b>2,099</b>
A00-B99	I Infectious and parasitic diseases	M	18	1	12	43	7	14	15	17
		F	12	9	5	50	13	10	14	12
C00-D48	II Neoplasms	M	502	275	476	1,135	369	397	490	654
		F	456	229	368	1,094	329	346	422	579
D50-D89	III Diseases of the blood and bloodforming organs and certain disorders involving the immune mechanism	M	4	1	7	12	3	5	5	5
		F	12	2	3	15	4	5	8	4
E00-E90	IV Endocrine, nutritional and metabolic diseases	M	45	31	34	53	29	37	60	76
		F	41	31	50	73	26	30	47	64
F00-F99	V Mental and behavioural disorders	M	13	5	11	38	13	23	33	29
		F	34	13	22	95	26	24	31	55
G00-G99	VI Diseases of the nervous system	M	52	23	49	98	37	30	50	68
		F	69	35	53	146	45	41	53	67
H00-H59	VII Diseases of the eye and adnexa	M	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-
H60-H95	VIII Diseases of the ear and mastoid process	M	-	1	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-
I00-I99	IX Diseases of the circulatory system	M	633	303	588	1,144	415	536	537	828
		F	658	305	531	1,234	420	487	533	804
J00-J99	X Diseases of the respiratory system	M	199	102	176	363	156	151	185	233
		F	216	110	191	477	134	200	174	257
K00-K93	XI Diseases of the digestive system	M	56	38	60	203	45	41	71	87
		F	74	25	45	193	52	57	44	71
L00-L99	XII Diseases of the skin and subcutaneous tissue	M	3	1	6	3	6	2	3	-
		F	5	1	7	5	5	2	3	8
M00-M99	XIII Diseases of musculoskeletal system and connective tissue	M	13	6	5	10	7	8	5	14
		F	20	9	16	34	22	15	18	28
N00-N99	XIV Diseases of genitourinary system	M	48	12	40	59	32	30	32	37
		F	52	19	34	104	40	33	51	43
O00-O99	XV Complications of pregnancy, childbirth and puerperium	M	-	-	-	-	-	-	-	-
		F	1	-	-	-	1	-	-	-
P00-P96	XVI Certain conditions originating in the perinatal period	M	3	3	3	11	10	5	6	5
		F	1	-	2	14	6	4	5	6
Q00-Q99	XVII Congenital malformations and chromosomal abnormalities	M	14	9	10	20	18	7	17	14
		F	10	3	5	24	12	10	7	15
R00-R99	XVIII Symptoms, signs, abnormal findings, ill-defined causes	M	10	2	3	9	6	5	6	6
		F	6	3	8	11	5	3	6	13
V01-Y89	XX External causes of injury and poisoning	M	162	70	126	323	106	118	141	206
		F	55	34	54	149	41	46	55	73

**Table 3.12 Standardised death rates per 1,000 population by area of residence of deceased in 2007  
for certain underlying causes of death**

Area of residence	II Neoplasms	IX Diseases of the circulatory system	X Diseases of the respiratory system	External causes of injury and poisoning
<b>STATE</b>	<b>1.87</b>	<b>2.29</b>	<b>0.77</b>	<b>0.41</b>
LEINSTER	1.92	2.23	0.78	0.39
Carlow	1.91	2.26	0.78	0.54
Dublin City	2.23	2.52	0.89	0.49
South Dublin	1.47	1.88	0.56	0.37
Fingal	1.97	1.88	0.78	0.23
Dun Laoghaire-Rathdown	1.79	1.68	0.61	0.31
Kildare	1.71	2.32	0.68	0.37
Kilkenny	1.69	1.98	0.68	0.38
Laois	1.76	2.39	0.90	0.32
Longford	2.34	2.62	1.04	0.61
Louth	1.86	2.54	0.80	0.56
Meath	1.88	2.26	0.86	0.31
Offaly	2.05	2.25	0.77	0.33
Westmeath	1.86	2.35	0.71	0.47
Wexford	1.79	2.35	0.75	0.47
Wicklow	1.91	2.34	0.92	0.28
MUNSTER	1.86	2.42	0.78	0.42
Clare	1.56	2.18	0.88	0.47
Cork City	2.10	2.70	0.95	0.69
Cork County	1.73	2.20	0.61	0.38
Kerry	1.77	2.53	0.74	0.39
Limerick City	2.11	2.74	1.05	0.52
Limerick County	2.03	2.62	0.99	0.39
North Tipperary	2.16	3.37	0.71	0.44
South Tipperary	1.87	2.14	0.64	0.33
Waterford City	1.89	1.98	0.79	0.47
Waterford County	1.93	2.17	0.82	0.35
CONNACHT	1.78	2.21	0.70	0.40
Galway City	1.85	1.94	0.90	0.49
Galway County	1.85	2.08	0.64	0.33
Leitrim	1.73	2.44	0.92	0.29
Mayo	1.65	2.42	0.70	0.47
Roscommon	1.71	2.30	0.78	0.54
Sligo	1.95	2.03	0.54	0.39
ULSTER (Part of)	1.75	2.33	0.76	0.42
Cavan	1.91	2.52	0.88	0.60
Donegal	1.75	2.16	0.69	0.31
Monaghan	1.60	2.55	0.79	0.50
REGIONAL AUTHORITIES:				
Border	1.81	2.34	0.75	0.45
Midland	1.96	2.37	0.83	0.41
West	1.75	2.21	0.71	0.41
Dublin	1.98	2.16	0.77	0.39
Mid-East	1.83	2.30	0.82	0.32
Mid-West	1.92	2.65	0.91	0.44
South-East	1.83	2.17	0.73	0.42
South-West	1.82	2.39	0.72	0.43

**Table 3.13 Deaths from cancer (C00-C97) in 2007 classified by underlying cause of death and sex**

ICD-10 code	Underlying cause of death	Persons	Males	Females		Persons	Males	Females
						%	%	%
<b>C00-D48</b>	<b>II Neoplasms</b>	<b>8,121</b>	<b>4,298</b>	<b>3,823</b>				
<b>C00-C97</b>	<b>Malignant neoplasm</b>	<b>7,917</b>	<b>4,193</b>	<b>3,724</b>		<b>100</b>	<b>100</b>	<b>100</b>
C00-C14	Lip, oral cavity and pharynx	126	89	37		1.6	2.1	1.0
C15-C26	Digestive organs	2,421	1,376	1,045		30.6	32.8	28.1
C30-C39	Respiratory and intrathoracic organs	1,768	1,099	669		22.3	26.2	18.0
C40-C41	Bone and articular cartilage	25	15	10		0.3	0.4	0.3
C43-C44	Skin	174	93	81		2.2	2.2	2.2
C45-C49	Mesothelial and soft tissue	74	44	30		0.9	1.0	0.8
C50	Breast	614	3	611		7.8	0.1	16.4
C51-C58	Female genital organs	469	-	469		5.9	-	12.6
C60-C63	Male genital organs	528	528	-		6.7	12.6	-
C64-C68	Urinary tract	342	219	123		4.3	5.2	3.3
C69-C72	Eye, brain and other parts of central nervous system	247	131	116		3.1	3.1	3.1
C73-C75	Thyroid and other endocrine glands	34	14	20		0.4	0.3	0.5
C76-C80	Ill-defined, secondary, and unspecified sites	338	159	179		4.3	3.8	4.8
C81-C96	Lymphoid, haematopoietic and related tissue	645	355	290		8.1	8.5	7.8
C97	Independent(primary) multiple sites	112	68	44		1.4	1.6	1.2



**Table 3.14 Deaths from cancer (C00-C97) in 2007 classified by underlying cause of death, sex and age-group**

ICD-10 code	Underlying cause of death	Sex	All ages	0-14	15-24	25-34	35-44	45-54	55-64	65-74	75-84	85 & over
<b>C00-C97</b>	<b>Malignant neoplasm</b>	<b>M</b>	<b>4,193</b>	<b>8</b>	<b>7</b>	<b>20</b>	<b>79</b>	<b>253</b>	<b>776</b>	<b>1,216</b>	<b>1,348</b>	<b>486</b>
		<b>F</b>	<b>3,724</b>	<b>14</b>	<b>12</b>	<b>34</b>	<b>110</b>	<b>283</b>	<b>596</b>	<b>934</b>	<b>1,172</b>	<b>569</b>
C00-C14	Lip, oral cavity and pharynx	M	89	-	-	-	-	8	34	28	11	8
		F	37	-	-	-	1	4	7	10	7	8
C15-C26	Digestive organs	M	1,376	-	-	4	34	93	246	425	439	135
		F	1,045	-	1	4	13	48	131	245	383	220
C30-C39	Respiratory and intrathoracic organs	M	1,099	-	-	2	12	60	266	365	318	76
		F	669	-	-	-	8	48	122	195	230	66
C40-C41	Bone and articular cartilage	M	15	-	2	1	1	1	3	3	2	2
		F	10	1	1	2	1	1	-	1	1	2
C43-C44	Skin	M	93	-	-	5	5	8	11	17	32	15
		F	81	1	-	3	2	7	9	15	21	23
C45-C49	Mesothelial and soft tissue	M	44	1	-	-	1	4	14	14	7	3
		F	30	-	3	1	2	3	5	8	5	3
C50	Breast	M	3	-	-	-	-	1	-	1	1	-
		F	611	-	-	5	36	82	143	137	135	73
C51-C58	Female genital organs	M	-	-	-	-	-	-	-	-	-	-
		F	469	-	1	8	19	53	83	147	117	41
C60-C63	Male genital organs	M	528	-	1	-	1	10	38	111	240	127
		F	-	-	-	-	-	-	-	-	-	-
C64-C68	Urinary tract	M	219	-	-	1	5	20	23	59	80	31
		F	123	-	-	1	4	5	12	35	45	21
C69-C72	Eye, brain and other parts of central nervous system	M	131	3	3	3	8	14	39	38	17	6
		F	116	5	2	6	8	12	21	25	30	7
C73-C75	Thyroid and other endocrine glands	M	14	-	-	-	-	2	2	5	5	-
		F	20	2	-	-	2	5	1	2	4	4
C76-C80	Ill-defined, secondary, and unspecified sites	M	159	1	-	2	3	6	32	33	59	23
		F	179	1	2	-	5	4	19	37	68	43
C81-C96	Lymphoid, haematopoietic and related tissue	M	355	2	1	2	9	23	63	93	113	49
		F	290	3	2	4	9	10	39	65	108	50
C97	Independent(primary) multiple sites	M	68	1	-	-	-	3	5	24	24	11
		F	44	1	-	-	-	1	4	12	18	8

**Table 3.15 Deaths from cancer (C00-C97) in 2007 classified by area of residence and underlying cause of death**

Area of residence	Malignant Neoplasm							
	Total Malignant neoplasm (C00-C97)	Digestive organs (C15-C26)	Respiratory and intrathoracic organs (C30-C39)	Breast (C50)	Female genital organs (C51-C58)	Male genital organs (C60-C63)	Lymphoid, haematopoietic and related tissue (C81-C96)	Remainder Malignant neoplasm (C00-C97)
<b>STATE</b>	<b>7,917</b>	<b>2,421</b>	<b>1,768</b>	<b>614</b>	<b>469</b>	<b>528</b>	<b>239</b>	<b>1,878</b>
LEINSTER	4,041	1,250	958	319	229	220	114	951
Carlow	94	36	19	3	5	3	4	24
Dublin City	1,227	369	323	95	72	54	31	283
South Dublin	264	70	80	18	17	10	6	63
Fingal	281	84	65	28	15	18	3	68
Dun Laoghaire-Rathdown	401	119	70	37	29	35	13	98
Kildare	220	74	47	16	14	9	7	53
Kilkenny	155	43	35	13	7	12	2	43
Laois	110	31	21	7	11	12	-	28
Longford	93	24	17	10	7	10	5	20
Louth	201	66	52	21	8	13	7	34
Meath	242	87	48	16	11	10	9	61
Offaly	145	45	34	9	10	11	1	35
Westmeath	143	46	39	10	6	7	7	28
Wexford	241	73	57	19	6	10	12	64
Wicklow	224	83	51	17	11	6	7	49
MUNSTER	2,317	703	497	173	155	168	71	550
Clare	179	49	35	17	9	14	9	46
Cork City	294	78	83	19	20	20	10	64
Cork County	603	178	126	51	42	41	17	148
Kerry	298	91	51	23	24	23	13	73
Limerick City	116	37	29	7	8	10	1	24
Limerick County	261	74	50	18	22	19	11	67
North Tipperary	164	61	33	14	10	12	4	30
South Tipperary	179	51	46	9	8	17	4	44
Waterford City	92	37	20	6	5	5	1	18
Waterford County	131	47	24	9	7	7	1	36
CONNACHT	1,027	314	193	84	55	96	38	247
Galway City	102	28	15	14	5	10	2	28
Galway County	327	97	61	19	20	32	15	83
Leitrim	63	18	13	3	7	9	3	10
Mayo	261	78	53	28	12	22	8	60
Roscommon	128	42	21	7	5	13	6	34
Sligo	146	51	30	13	6	10	4	32
ULSTER (Part of)	532	154	120	38	30	44	16	130
Cavan	141	36	34	11	7	12	4	37
Donegal	292	94	64	21	13	23	7	70
Monaghan	99	24	22	6	10	9	5	23
REGIONAL AUTHORITIES:								
Border	942	289	215	75	51	76	30	206
Midland	491	146	111	36	34	40	13	111
West	818	245	150	68	42	77	31	205
Dublin	2,173	642	538	178	133	117	53	512
Mid-East	686	244	146	49	36	25	23	163
Mid-West	720	221	147	56	49	55	25	167
South-East	892	287	201	59	38	54	24	229
South-West	1,195	347	260	93	86	84	40	285

**Table 3.16 Deaths from diseases of the circulatory system (I00-I99) in 2007 classified by underlying cause of death and sex**

ICD-10 code	Underlying cause of death	Persons	Males	Females		Persons	Males	Females
						%	%	%
<b>I00-I99</b>	<b>IX Diseases of the circulatory system</b>	<b>9,956</b>	<b>4,984</b>	<b>4,972</b>		<b>100</b>	<b>100</b>	<b>100</b>
I00-I02	Acute Rheumatic fever	3	1	2		0.0	0.0	0.0
I05-I09	Chronic rheumatic heart diseases	43	13	30		0.4	0.3	0.6
I10-I15	Hypertensive diseases	314	117	197		3.2	2.3	4.0
I20-I25	Ischaemic heart diseases	5,375	3,020	2,355		54.0	60.6	47.4
I26-I28	Pulmonary heart disease and diseases of pulmonary circulation	160	63	97		1.6	1.3	2.0
I30-I52	Other forms of heart disease	1,408	657	751		14.1	13.2	15.1
I60-I69	Cerebrovascular diseases	2,078	805	1,273		20.9	16.2	25.6
I70-I179	Diseases of the arteries, arterioles and capillaries	505	276	229		5.1	5.5	4.6
I80-I89	Diseases of veins, lymphatic vessels and lymph nodes, not elsewhere classified	67	31	36		0.7	0.6	0.7
I95-I99	Other and unspecified disorders of the circulatory system	3	1	2		0.0	0.0	0.0

**Table 3.17 Deaths from diseases of the circulatory system (I00-I99) in 2007 classified by underlying cause of death, sex and age-group**

ICD-10 code	Underlying cause of death	Sex	All ages	0-14	15-24	25-34	35-44	45-54	55-64	65-74	75-84	85 & over
<b>I00-I99</b>	<b>IX Diseases of the circulatory system</b>	<b>M</b>	<b>4,984</b>	<b>5</b>	<b>13</b>	<b>24</b>	<b>81</b>	<b>255</b>	<b>605</b>	<b>1,063</b>	<b>1,709</b>	<b>1,229</b>
		<b>F</b>	<b>4,972</b>	<b>1</b>	<b>8</b>	<b>15</b>	<b>33</b>	<b>88</b>	<b>201</b>	<b>505</b>	<b>1,704</b>	<b>2,417</b>
I00-I02	Acute Rheumatic fever	M	1	-	-	-	-	1	-	-	-	-
		F	2	-	-	-	-	-	-	-	-	2
I05-I09	Chronic rheumatic heart diseases	M	13	-	-	1	-	-	-	3	7	2
		F	30	-	-	-	-	1	3	12	11	3
I10-I15	Hypertensive diseases	M	117	-	-	1	1	6	6	23	36	44
		F	197	-	-	-	1	2	4	19	56	115
I20-I25	Ischaemic heart diseases	M	3,020	-	2	7	47	179	446	700	991	648
		F	2,355	-	1	2	14	29	105	258	815	1,131
I26-I28	Pulmonary heart disease and diseases of pulmonary circulation	M	63	-	-	-	3	6	8	21	19	6
		F	97	1	1	1	5	4	7	20	38	20
I30-I52	Other forms of heart disease	M	657	4	8	8	13	29	60	99	224	212
		F	751	-	4	2	2	6	28	61	252	396
I60-I69	Cerebrovascular diseases	M	805	1	3	4	10	26	52	129	321	259
		F	1,273	-	2	7	9	41	43	101	431	639
I70-I79	Diseases of the arteries, arterioles and capillaries	M	276	-	-	1	6	7	26	78	103	55
		F	229	-	-	2	1	2	7	27	89	101
I80-I89	Diseases of veins, lymphatic vessels and lymph nodes, nec	M	31	-	-	2	1	1	7	10	7	3
		F	36	-	-	1	1	3	4	7	12	8
I95-I99	Other and unspecified disorders of the circulatory system	M	1	-	-	-	-	-	-	-	1	-
		F	2	-	-	-	-	-	-	-	-	2

**Table 3.18 Deaths from diseases of the circulatory system (I00-I99) in 2007 classified by area of residence and underlying cause of death**

Area of residence	Total IX Diseases of the circulatory system (I00-I99)	Ischaemic heart diseases (I20-I25)	of which: <i>Acute myocardial infarction</i> (I21)	Cerebrovascular diseases (I60-I69)	Remainder IX Diseases of the circulatory system (I00-I99)
<b>STATE</b>	<b>9,956</b>	<b>5,375</b>	<b>2,757</b>	<b>2,078</b>	<b>2,503</b>
LEINSTER	4,710	2,588	1,240	943	1,179
Carlow	106	57	29	18	31
Dublin City	1,454	804	354	300	350
South Dublin	285	156	66	54	75
Fingal	244	134	59	38	72
Dun Laoghaire-Rathdown	395	194	89	87	114
Kildare	286	162	68	52	72
Kilkenny	188	117	62	29	42
Laois	154	86	40	33	35
Longford	108	63	45	21	24
Louth	277	156	77	69	52
Meath	278	162	74	45	71
Offaly	159	90	47	34	35
Westmeath	187	94	61	30	63
Wexford	318	176	92	58	84
Wicklow	271	137	77	75	59
MUNSTER	3,113	1,695	912	665	753
Clare	269	146	91	65	58
Cork City	392	237	117	67	88
Cork County	784	420	235	167	197
Kerry	456	231	141	122	103
Limerick City	150	89	43	28	33
Limerick County	340	193	101	72	75
North Tipperary	264	142	63	46	76
South Tipperary	214	112	63	47	55
Waterford City	95	47	13	19	29
Waterford County	149	78	45	32	39
CONNACHT	1,381	681	367	315	385
Galway City	110	44	16	29	37
Galway County	391	210	108	89	92
Leitrim	99	44	23	20	35
Mayo	424	201	112	97	126
Roscommon	194	102	58	41	51
Sligo	163	80	50	39	44
ULSTER (Part of)	752	411	238	155	186
Cavan	199	94	63	48	57
Donegal	387	210	123	76	101
Monaghan	166	107	52	31	28
REGIONAL AUTHORITIES:					
Border	1,291	691	388	283	317
Midland	608	333	193	118	157
West	1,119	557	294	256	306
Dublin	2,378	1,288	568	479	611
Mid-East	835	461	219	172	202
Mid-West	1,023	570	298	211	242
South-East	1,070	587	304	203	280
South-West	1,632	888	493	356	388

**Table 3.19 Deaths from diseases of the respiratory system (J00-J99) in 2007 classified by underlying cause of death and sex**

ICD-10 code	Underlying cause of death	Persons	Males	Females		Persons	Males	Females
						%	%	%
<b>J00-J99</b>	<b>X Diseases of the respiratory system</b>	<b>3,324</b>	<b>1,565</b>	<b>1,759</b>		<b>100</b>	<b>100</b>	<b>100</b>
J00-J06	Acute upper respiratory infections	4	2	2		0.1	0.1	0.1
J10-J18	Influenza and pneumonia	1,128	463	665		33.9	29.6	37.8
J20-J22	Other acute lower respiratory infections	204	91	113		6.1	5.8	6.4
J30-J39	Other diseases of upper respiratory tract	3	2	1		0.1	0.1	0.1
J40-J47	Chronic lower respiratory diseases	1,496	746	750		45.0	47.7	42.6
J60-J70	Lung diseases due to external agents	107	66	41		3.2	4.2	2.3
J80-J84	Other respiratory diseases principally affecting the interstitium	209	127	82		6.3	8.1	4.7
J85-J86	Suppurative and necrotic conditions of lower respiratory tract	7	6	1		0.2	0.4	0.1
J90-J94	Other disease of pleura	13	5	8		0.4	0.3	0.5
J95-J99	Other diseases of the respiratory system	153	57	96		4.6	3.6	5.5

**Table 3.20 Deaths from diseases of the respiratory system (J00-J99) in 2007 classified by underlying cause of death, sex and age-group**

ICD-10 code	Underlying cause of death	Sex	All ages	0-14	15-24	25-34	35-44	45-54	55-64	65-74	75-84	85 & over
<b>J00-J99</b>	<b>X Diseases of the respiratory system</b>	<b>M</b>	<b>1,565</b>	<b>4</b>	<b>2</b>	<b>2</b>	<b>8</b>	<b>32</b>	<b>87</b>	<b>229</b>	<b>659</b>	<b>542</b>
		<b>F</b>	<b>1,759</b>	<b>-</b>	<b>1</b>	<b>2</b>	<b>2</b>	<b>17</b>	<b>76</b>	<b>190</b>	<b>598</b>	<b>873</b>
J00-J06	Acute upper respiratory infections	M	2	-	-	-	-	-	-	-	-	2
		F	2	-	-	-	-	-	-	1	1	-
J10-J18	Influenza and pneumonia	M	463	1	-	1	3	14	16	50	163	215
		F	665	-	1	-	-	6	18	32	182	426
J20-J22	Other acute lower respiratory infections	M	91	-	-	-	-	2	3	8	33	45
		F	113	-	-	1	-	1	2	6	37	66
J30-J39	Other diseases of upper respiratory tract	M	2	1	-	-	-	-	-	-	-	1
		F	1	-	-	-	-	-	-	-	-	1
J40-J47	Chronic lower respiratory diseases	M	746	-	2	1	3	8	52	116	355	209
		F	750	-	-	-	2	8	48	113	301	278
J60-J70	Lung diseases due to external agents	M	66	-	-	-	-	2	3	14	21	26
		F	41	-	-	-	-	-	2	7	6	26
J80-J84	Other respiratory diseases principally affecting the interstitium	M	127	1	-	-	1	5	8	36	60	16
		F	82	-	-	1	-	1	5	19	37	19
J85-J86	Suppurative and necrotic conditions of lower respiratory tract	M	6	-	-	-	-	-	2	1	2	1
		F	1	-	-	-	-	-	-	-	1	-
J90-J94	Other disease of pleura	M	5	-	-	-	-	-	1	-	3	1
		F	8	-	-	-	-	-	-	2	2	4
J95-J99	Other diseases of the respiratory system	M	57	1	-	-	1	1	2	4	22	26
		F	96	-	-	-	-	1	1	10	31	53

**Table 3.21 Deaths from diseases of the respiratory system (J00-J99) in 2007 classified by area of residence and underlying cause of death**

Area of residence	Total X Diseases of the respiratory system (J00-J99)	Influenza pneumonia (J10-J18)	Chronic lower respiratory diseases (J40-J47)	Remainder X Diseases of the respiratory system (J00-J99)
<b>STATE</b>	<b>3,324</b>	<b>1,128</b>	<b>1,496</b>	<b>700</b>
LEINSTER	1,629	567	710	352
Carlow	36	11	23	2
Dublin City	522	189	223	110
Fingal	95	22	46	22
Dun Laoghaire-Rathdown	143	58	50	27
South Dublin	80	30	28	35
Kildare	82	28	32	22
Kilkenny	65	26	29	10
Laois	57	15	25	17
Longford	44	21	16	7
Louth	86	29	35	22
Meath	103	46	35	22
Offaly	54	11	36	7
Westmeath	57	16	27	14
Wexford	100	28	58	14
Wicklow	105	37	47	21
MUNSTER	999	311	471	217
Clare	111	50	44	17
Cork City	140	43	69	28
Cork County	215	57	95	63
Kerry	135	45	67	23
Limerick City	57	26	23	8
Limerick County	127	42	52	33
North Tipperary	56	14	33	9
South Tipperary	64	14	41	9
Waterford City	37	11	17	9
Waterford County	57	9	30	18
CONNACHT	449	163	195	91
Galway City	51	16	24	11
Galway County	124	47	51	26
Leitrim	38	16	15	7
Mayo	124	43	53	28
Roscommon	68	23	31	14
Sligo	44	18	21	5
ULSTER (Part of)	247	87	120	40
Cavan	71	21	33	17
Donegal	124	47	61	16
Monaghan	52	19	26	7
REGIONAL AUTHORITIES:				
Border	415	150	191	74
Midland	212	63	104	45
West	367	129	159	79
Dublin	840	299	347	194
Mid-East	290	111	114	65
Mid-West	351	132	152	67
South-East	359	99	198	62
South-West	490	145	231	114



**Table 3.22 Deaths from external causes (V01-Y89) in 2007 classified by underlying cause of death and sex**

ICD-10 code	External cause of death	Persons	Males	Females		Persons	Males	Females
						%	%	%
<b>V01-Y89</b>	<b>XX External causes of injury and poisoning</b>	<b>1,759</b>	<b>1,252</b>	<b>507</b>		<b>100.0</b>	<b>100.0</b>	<b>100.0</b>
V01-X59	Accidents	1,089	737	352		61.9	58.9	69.4
V01-V99, Y85	Transport accidents	305	231	74		17.3	18.5	14.6
V01-V89	Land transport accidents	301	227	74		17.1	18.1	14.6
V90-V99	Other transport accidents	4	4	-		0.2	0.3	-
W00-W19	Falls	247	138	109		14.0	11.0	21.5
W65-W74	Accidental drowning and submersion	51	44	7		2.9	3.5	1.4
X00-X09	Exposure to smoke, fire and flames	42	28	14		2.4	2.2	2.8
X30-X39	Exposure to forces of nature	10	8	2		0.6	0.6	0.4
X40-X49	Accidental poisoning by and exposure to noxious substances	301	210	91		17.1	16.8	17.9
W20-W64, W75-W99, X10-X29, X50-X59	Other accidents	133	78	55		7.6	6.2	10.8
X60-X84	Intentional self-harm	458	362	96		26.0	28.9	18.9
X85-Y09	Assault	49	42	7		2.8	3.4	1.4
Y10-Y34	Events of undetermined intent	119	87	32		6.8	6.9	6.3
Y40-Y84	Complications of medical and surgical care	39	21	18		2.2	1.7	3.6
Y85-Y89	Sequelae of external causes of morbidity and mortality	5	3	2		0.3	0.2	0.4

**Table 3.23 Deaths from external causes (V01-Y89) in 2007 classified by underlying cause of death, sex and age-group**

ICD-10 code	External cause of death	Sex	All ages	0-4	5-14	15-24	25-34	35-44	45-54	55-64	65-74	75-84	85 & over
<b>V01-Y89</b>	<b>All external causes</b>	<b>M</b>	<b>1,252</b>	<b>9</b>	<b>18</b>	<b>221</b>	<b>262</b>	<b>202</b>	<b>164</b>	<b>128</b>	<b>105</b>	<b>94</b>	<b>49</b>
		<b>F</b>	<b>507</b>	<b>7</b>	<b>7</b>	<b>39</b>	<b>59</b>	<b>55</b>	<b>79</b>	<b>65</b>	<b>46</b>	<b>73</b>	<b>77</b>
V01-X59	Accidents	M	737	8	11	117	132	113	93	78	64	74	47
		F	352	7	5	21	30	30	47	44	39	54	75
V01-V99, Y85	Transport accidents	M	231	3	5	60	50	31	20	20	13	22	7
		F	74	6	2	15	6	6	9	8	5	13	4
V01-V89	Land transport accidents	M	227	3	5	59	49	31	19	19	13	22	7
		F	74	6	2	15	6	6	9	8	5	13	4
V90-V99	Other transport accidents	M	4	-	-	1	1	-	1	1	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-
W00-W19	Falls	M	138	2	1	4	6	11	18	27	23	22	24
		F	109	1	-	-	3	2	6	11	17	23	46
W65-W74	Accidental drowning and submersion	M	44	-	1	11	7	11	3	6	1	4	-
		F	7	-	-	1	1	3	-	-	1	1	-
X00-X09	Exposure to smoke, fire and flames	M	28	-	-	1	3	1	7	5	5	2	4
		F	14	-	1	2	2	1	1	2	2	-	3
X30-X39	Exposure to forces of nature	M	8	-	-	1	-	-	3	1	1	2	-
		F	2	-	-	-	-	-	-	-	1	1	-
X40-X49	Accidental poisoning by and exposure to noxious substances	M	210	-	-	36	62	50	38	11	10	3	-
		F	91	-	1	3	16	17	28	19	6	1	-
W20-W64, W75-W99, X10-X29, X50-X59	Other accidents	M	78	3	4	4	4	9	4	8	11	19	12
		F	55	-	1	-	2	1	3	4	7	15	22
X60-X84	Intentional self-harm	M	362	-	7	76	91	63	56	35	26	8	-
		F	96	-	1	15	19	20	25	11	2	3	-
X85-Y09	Assault	M	42	-	-	10	19	7	1	3	2	-	-
		F	7	-	1	-	4	1	1	-	-	-	-
Y10-Y34	Events of undetermined intent	M	87	1	-	18	20	17	12	10	6	3	-
		F	32	-	-	3	6	4	4	8	1	5	1
Y40-Y84	Complications of medical and surgical care	M	21	-	-	-	-	2	1	2	6	8	2
		F	18	-	-	-	-	-	2	2	3	11	-
Y85-Y89	Sequelae of external causes of morbidity and mortality	M	3	-	-	-	-	-	1	-	1	1	-
		F	2	-	-	-	-	-	-	-	1	-	1

**Table 3.24 Deaths from external causes in 2007 classified by area of residence**

Area of residence	External causes of death (V01-Y98)	External causes of death				
		Accidents (V01-X59)	Intentional self-harm (X60-X84)	Assault (X85-Y09)	Events of undetermined intent (Y10-Y34)	Other external causes (Y35-Y98)
<b>STATE</b>	<b>1,759</b>	<b>1,089</b>	<b>458</b>	<b>49</b>	<b>119</b>	<b>44</b>
LEINSTER	909	546	226	38	77	22
Carlow	27	10	11	1	4	1
Dublin City	268	174	51	15	22	6
South Dublin	89	53	17	6	12	1
Fingal	53	24	14	4	8	3
Dun Laoghaire-Rathdown	62	43	14	1	3	1
Kildare	65	37	23	-	4	1
Kilkenny	35	23	11	1	-	-
Laois	21	11	10	-	-	-
Longford	22	14	5	1	1	1
Louth	62	37	12	4	7	2
Meath	47	29	9	4	3	2
Offaly	23	12	8	-	3	-
Westmeath	38	25	11	-	1	1
Wexford	62	34	21	-	5	2
Wicklow	35	20	9	1	4	1
MUNSTER	515	308	145	10	36	16
Clare	53	27	17	2	6	1
Cork City	85	53	24	2	6	-
Cork County	136	84	39	2	6	5
Kerry	58	43	12	-	-	3
Limerick City	29	15	6	1	6	1
Limerick County	52	27	17	3	4	1
North Tipperary	30	19	6	-	2	3
South Tipperary	28	14	12	-	1	1
Waterford City	22	12	7	-	3	-
Waterford County	22	14	5	-	2	1
CONNACHT	215	147	57	-	6	5
Galway City	33	27	5	-	-	1
Galway County	54	36	13	-	3	2
Leitrim	9	6	2	-	1	-
Mayo	61	36	23	-	1	1
Roscommon	32	20	11	-	-	1
Sligo	26	22	3	-	1	-
ULSTER (Part of)	120	88	30	1	-	1
Cavan	40	28	12	-	-	-
Donegal	50	37	12	1	-	-
Monaghan	30	23	6	-	-	1
REGIONAL AUTHORITIES:						
Border	217	153	47	5	9	3
Midland	104	62	34	1	5	2
West	180	119	52	-	4	5
Dublin	472	294	96	26	45	11
Mid-East	147	86	41	5	11	4
Mid-West	164	88	46	6	18	6
South-East	196	107	67	2	15	5
South-West	279	180	75	4	12	8

**Table 3.25 Deaths from non transport accidents in 2007 classified by place of occurrence**

ICD-10 code	Cause of Death	Total	In the home and residential institutions	Elsewhere or place not stated	In the home and residential institutions	Elsewhere or place not stated
					%	%
<b>W00-X59</b>	<b>Non transport accidents</b>	<b>784</b>	<b>424</b>	<b>360</b>	<b>54.1</b>	<b>45.9</b>
W00-W19	Falls	247	169	78	68.4	31.6
W65-W74	Accidental drowning and submersion	51	3	48	5.9	94.1
X00-X09	Exposure to smoke, fire and flames	42	37	5	88.1	11.9
X30-X39	Exposure to forces of nature	10	2	8	20.0	80.0
X40-X49	Accidental poisoning by and exposure to noxious substances	301	186	115	61.8	38.2
W20-W64, W75-W99, X10-X29, X50-X59	Other accidents	133	27	106	20.3	79.7

**Table 3.26 Deaths from external causes in the home and residential institutions in 2007 classified by sex and age-group**

ICD-10 code	Cause of Death	Sex	All ages	0-14	15-24	25-34	35-44	45-54	55-64	65-74	75-84	85 & over
<b>W00-X59</b>	<b>Non transport accidents</b>	<b>M</b>	<b>506</b>	<b>11</b>	<b>57</b>	<b>82</b>	<b>82</b>	<b>73</b>	<b>58</b>	<b>51</b>	<b>52</b>	<b>40</b>
		<b>F</b>	<b>278</b>	<b>4</b>	<b>6</b>	<b>24</b>	<b>24</b>	<b>38</b>	<b>36</b>	<b>34</b>	<b>41</b>	<b>71</b>
W00-X59	Non transport accidents - in home and residential institutions	M	255	4	27	39	44	43	30	29	19	20
		F	169	2	5	11	12	29	30	16	23	41
W00-X59	Non transport accidents - occurring elsewhere or place not stated	M	251	7	30	43	38	30	28	22	33	20
		F	109	2	1	13	12	9	6	18	18	30

**Table 3.27 Deaths in 2007 from external causes classified by the injury, poisoning or certain other consequences**

ICD-10 Code	External cause of death	No. of deaths
<b>V01-Y89</b>	<b>XX External causes of injury and poisoning</b>	<b>1,759</b>
I97	Postprocedural disorders of circulatory system, not elsewhere classified	3
J95	Postprocedural respiratory disorders, not elsewhere classified	1
M96	Postprocedural musculoskeletal disorders, not elsewhere classified	2
N99	Postprocedural disorders of genitourinary system, not elsewhere classified	1
S00-S09	Injuries to the head	298
S10-S19	Injuries to the neck	32
S20-S29	Injuries to the thorax	69
S30-S39	Injuries to the abdomen, lower back, lumbar spine and pelvis	30
S40-S49	Injuries to the shoulder and upper arm	5
S50-S59	Injuries to the elbow and forearm	2
S60-S69	Injuries to the wrist and hand	-
S70-S79	Injuries to the hip and thigh	112
S80-S89	Injuries to the knee and lower leg	3
S90-S99	Injuries to the ankle and foot	-
T00-T07	Injuries involving multiple body regions	147
T08-T14	Injuries to unspecified parts of trunk, limb or body regions	44
T15-T19	Effects of foreign body entering through natural orifice	38
T20-T32	Burns and corrosions	8
T33-T35	Frostbite	-
T36-T50	Poisoning by drugs, medicaments and biological substances	273
T51-T65	Toxic effects of substances chiefly nonmedicinal as to source	168
T66-T78	Other and unspecified effects of external causes	499
T79	Certain early complications of trauma	2
T80-T88	Complications of surgical and medical care, nec	17
T90-T98	Sequelae of injuries, of poisoning and of other consequences of external causes	5

**Table 3.28 Deaths in 2007 classified by the underlying cause of death in the Eurostat 65 cause of death shortlist**

ICD-10 code	65 COD code	Underlying cause of death	No. of deaths
<b>A00-Y89</b>	<b>0</b>	<b>All causes</b>	<b>28,117</b>
<b>A00-B99</b>	<b>1</b>	<b>Infectious and parasitic diseases</b>	<b>252</b>
A15-A19,			
B90	2	Tuberculosis	53
A39	7	Meningococcal infection	6
B20-B24	8	AIDS (HIV-disease)	15
B15-B19	10	Viral hepatitis	8
		Other infectious and parasitic diseases	170
<b>C00-D48</b>	<b>6</b>	<b>Neoplasms</b>	<b>8,121</b>
<b>C00-C97</b>	<b>7</b>	<b>Malignant neoplasm</b>	<b>7,917</b>
C00-C14	8	Malignant neoplasm of lip, oral cavity and pharynx	126
C15	9	Malignant neoplasm of oesophagus	329
C16	10	Malignant neoplasm of stomach	324
C18	11	Malignant neoplasm of colon	512
C19-C21	12	Malignant neoplasm of rectum and anus	399
C22	13	Malignant neoplasm of liver and intrahepatic bile ducts	204
C25	14	Malignant neoplasm of pancreas	465
C32-C34	15	Malignant neoplasm of larynx and trachea/bronchus/lung	1,747
C43	16	Malignant melanoma of skin	105
C50	17	Malignant neoplasm of breast	614
C53	18	Malignant neoplasm of cervix uteri	85
C54-C55	19	Malignant neoplasm of other parts of uterus	82
C56	20	Malignant neoplasm of ovary	269
C61	21	Malignant neoplasm of prostate	514
C64	22	Malignant neoplasm of kidney, except renal pelvis	162
C67	23	Malignant neoplasm of bladder	170
C81-C96	24	Malignant neoplasm of lymphoid/haematopoietic tissue	645
		Other malignant neoplasms	1,165
<b>D50-D89</b>	<b>25</b>	<b>Diseases of the blood and bloodforming organs and certain disorders involving the immune mechanism</b>	<b>95</b>
<b>E00-E90</b>	<b>26</b>	<b>Endocrine, nutritional and metabolic diseases</b>	<b>727</b>
E10-E14	27	Diabetes mellitus	514
<b>F00-F99</b>	<b>28</b>	<b>Mental and behavioural disorders</b>	<b>465</b>
<b>G00-H95</b>	<b>31</b>	<b>Diseases of the nervous system and the sense organs</b>	<b>917</b>
G00-G03	32	Meningitis	11
<b>I00-I99</b>	<b>33</b>	<b>Diseases of the circulatory system</b>	<b>9,956</b>
I20-I25	34	Ischaemic heart diseases	5,375
I21		<i>of which: (Acute myocardial infarction)</i>	<i>2,757</i>
I30-I33,			
I39-I52	35	Other heart disease	1,211
I60-I69	36	Cerebrovascular disease	2,078
		Other diseases of the circulatory system	1,292
<b>J00-J99</b>	<b>37</b>	<b>Diseases of the respiratory system</b>	<b>3,324</b>
J10-J11	38	Influenza	3
J12-J19	39	Pneumonia	1,125
J40-J47	40	Chronic lower respiratory diseases	1,496
J45-J46	41	<i>of which: Asthma</i>	<i>61</i>
		Other diseases of the respiratory system	700
<b>K00-K93</b>	<b>42</b>	<b>Diseases of the digestive system</b>	<b>1,162</b>
K25-K28	43	Ulcer of stomach, duodenum and jejunum	106
K70,			
K73-K74	44	Chronic liver disease	308
		Other diseases of the digestive system	748
<b>L00-L99</b>	<b>45</b>	<b>Diseases of the skin and subcutaneous tissue</b>	<b>60</b>
<b>M00-M99</b>	<b>46</b>	<b>Diseases of musculoskeletal system/connective tissue</b>	<b>230</b>
M05-M06,			
M15-M19	47	Rheumatoid arthritis and osteoarthritis	89
<b>N00-N99</b>	<b>48</b>	<b>Diseases of genitourinary system</b>	<b>666</b>
N00-N29	49	Diseases of kidney and ureter	457

**Table 3.28 (continued) Deaths in 2007 classified by cause in the Eurostat 65 cause of death shortlist**

ICD-10 code	65 COD code	Underlying cause of death	No. of deaths
<b>O00-O99</b>	<b>50</b>	<b>Complicatons of pregnancy, childbirth and puerperium</b>	<b>2</b>
P00-P96	51	Certain conditions originating in the perinatal period	84
<b>Q00-Q99</b>	<b>52</b>	<b>Congenital malformations and chromosomal abnormalities</b>	<b>195</b>
Q00-Q07	53	Congenital malformations of the nervous system	24
Q20-Q28	54	Congenital malformations of the circulatory system	59
<b>R00-R99</b>	<b>55</b>	<b>Symptoms, signs, abnormal findings, ill-defined causes</b>	<b>102</b>
R95	56	Sudden infant death syndrome	24
R96-R99	57	Unknown and unspecified causes	26
<b>V01-Y89</b>	<b>58</b>	<b>External causes of injury and poisoning</b>	<b>1,759</b>
V01-X59	59	Accidents	1,089
V01-V99	60	<i>of which: Transport accidents</i>	305
W00-W19	61	<i>Accidental falls</i>	247
X40-X49	62	<i>Accidental poisoning</i>	301
		<i>other accidents</i>	236
X60-X84	63	Suicide and intentional self-harm	458
X85-Y09	64	Homicide/assault	49
Y10-Y34	65	Events of undetermined intent	119
		All other external causes	44

**Table 3.29 Deaths where there was mention of mental and behavioural disorders classified by the underlying cause of death, sex and age-group, 2007**

ICD-10 code	Underlying cause of death	Persons	Males	Females	Age at Death							
					15-24	25-34	35-44	45-54	55-64	65-74	75-84	85 & over
<b>A00-Y89</b>	<b>Deaths not coded to mental and behavioural disorders but with mention of such</b>	<b>640</b>	<b>451</b>	<b>189</b>	<b>62</b>	<b>106</b>	<b>113</b>	<b>159</b>	<b>117</b>	<b>65</b>	<b>14</b>	<b>4</b>
A00-B99	I Infectious and parasitic diseases	4	2	2	-	-	3	1	-	-	-	-
C00-D48	II Neoplasms	2	2	-	-	-	-	1	-	-	-	1
D50-D89	III Diseases of the blood and bloodforming organs and certain disorders involving the immune mechanism	-	-	-	-	-	-	-	-	-	-	-
E00-E90	IV Endocrine, nutritional and metabolic diseases	5	2	3	-	-	3	-	1	1	-	-
F00-F99	V Mental and behavioural disorders	-	-	-	-	-	-	-	-	-	-	-
G00-G99	VI Diseases of the nervous system	4	3	1	-	-	-	1	1	2	-	-
H00-H59	VII Diseases of the eye and adnexa	-	-	-	-	-	-	-	-	-	-	-
H60-H95	VIII Diseases of the ear and mastoid process	-	-	-	-	-	-	-	-	-	-	-
I00-I99	IX Diseases of the circulatory system	17	14	3	-	-	1	5	7	3	1	-
J00-J99	X Diseases of the respiratory system	10	7	3	-	-	.	.	3	3	3	1
K00-K93	XI Diseases of the digestive system	195	132	63	-	8	22	72	61	26	5	1
L00-L99	XII Diseases of the skin and subcutaneous tissue	-	-	-	-	-	-	-	-	-	-	-
M00-M99	XIII Diseases of musculoskeletal system and connective tissue	-	-	-	-	-	-	-	-	-	-	-
N00-N99	XIV Diseases of genitourinary system	2	1	1	-	-	-	-	2	-	-	-
O00-O99	XV Complications of pregnancy, childbirth and puerperium	-	-	-	-	-	-	-	-	-	-	-
P00-P96	XVI Certain conditions originating in the perinatal period	-	-	-	-	-	-	-	-	-	-	-
Q00-Q99	XVII Congenital malformations and chromosomal abnormalities	-	-	-	-	-	-	-	-	-	-	-
R00-R99	XVIII Symptoms, signs, abnormal findings, ill-defined causes	2	1	1	-	-	1	-	-	-	1	-
V01-Y89	XX External causes of injury and poisoning	399	287	112	62	98	83	79	42	30	4	1



# Chapter 4

## Infant Mortality, Stillbirths and Maternal Mortality 2007

### Infant mortality

During the year 2007 there were 230 deaths of infants under one year, compared to 255 in 2006. The infant mortality rate, which was 3.9 per 1,000 births in 2006, decreased to 3.2 in 2007. See *table 4.2*.

**Table I** Infant mortality rates in Ireland\* and neighbouring countries, 1941-2007

Period	Deaths of infants under 1 year per 1,000 live births			
	Ireland	Northern Ireland	England and Wales	Scotland
1941-1950 <sup>1</sup>	66	60	43	57
1951-1960 <sup>1</sup>	37	32	25	30
1961-1970 <sup>1</sup>	25	25	19	23
1971-1980 <sup>1</sup>	16	19	15	16
1981-1990 <sup>1</sup>	9	10	9	9
1991-2000 <sup>1</sup>	6	6	6	6
1993	6	7	6	6
1994	6	6	6	6
1995	6	7	6	6
1996	6	6	6	6
1997	6	6	6	5
1998	6	6	6	6
1999	6	6	6	5
2000	6	5	6	6
2001	6	6	5	6
2002	5	5	5	5
2003	5	5	5	5
2004	5	5	5	5
2005	4	6	5	5
2006	4	5	5	5
2007	3	5	5	5

<sup>1</sup> Decennial average.

\* Exclusive of Northern Ireland.

## Infant mortality rates in the EU-27

Ireland had the sixth lowest infant mortality rate of the EU-27. Romania had the highest rate at 12 infant deaths per 1,000 live births. Luxembourg had the lowest rate, 1.8 per 1,000 live births. See *table II*.

**Table II Infant mortality rates per 1,000 population in the European Union, 2007**

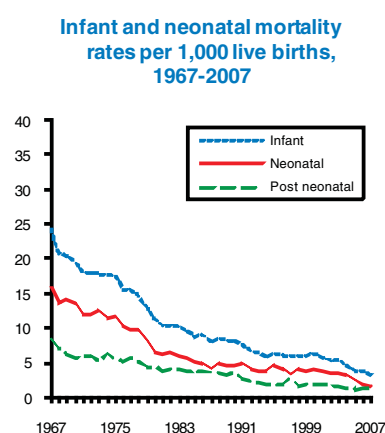
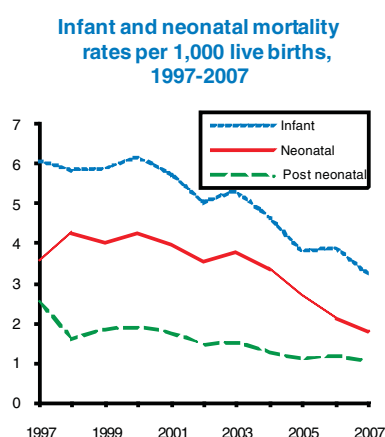
Area of residence	Infant mortality rate per 1,000	Area of residence	Infant mortality rate per 1,000
Belgium	4.0	Luxembourg	1.8
Bulgaria	9.2	Hungary	5.9
Czech Republic	3.1	Malta	6.5
Denmark	4.0	Netherlands	4.1
Germany	3.9	Austria	3.7
Estonia	5.0	Poland	6.0
<b>Ireland</b>	<b>3.2</b>	Portugal	3.4
Greece	3.5	Romania	12.0
Spain	3.7	Slovenia	2.8
France	3.7	Slovakia	6.1
Italy	3.7	Finland	2.7
Cyprus	3.7	Sweden	2.5
Latvia	8.7	United Kingdom	4.8
Lithuania	5.9		

## Infant Mortality by detailed age

Just over 31% of all infant deaths occurred within the first day of birth and almost 55% occurred within the first week.

There were 156 neonatal deaths (deaths of infants under 4 weeks) in 2007, a decrease of 23 on the 2006 figure. The neonatal mortality rate of 2.2 per 1,000 live births was five less than the 2006 figure. See *tables 4.1 and 4.2*.

Table III shows infant deaths by detailed age.



## Infant Mortality by cause

Congenital malformations, deformations and chromosomal abnormalities accounted for 46% of infant deaths in 2007. Certain conditions originating in the perinatal period accounted for a further 37%, sudden infant death syndrome accounted for 10% and diseases of the nervous system and sense organs and all other causes accounted for the remaining 3% and 4% respectively.

For infant deaths occurring in the first day of life, the causes of death were split between congenital malformations, deformations and chromosomal abnormalities (51%) and certain conditions originating in the perinatal period (49%). See *table 4.6*.

## Infant Mortality by area

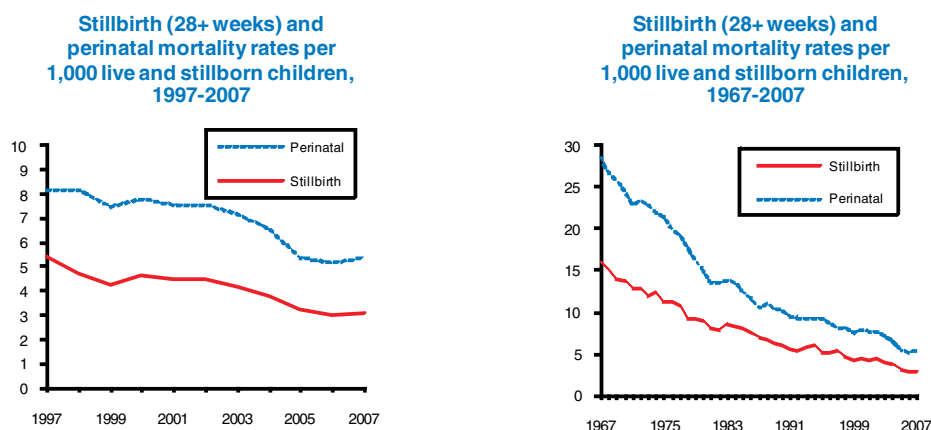
The highest rate for infant mortality in 2007 was in Cork City, with a rate of 6.4 per 1,000 births. There were no occurrences of infant deaths in Monaghan or Galway City. See *table 4.3*.

**Table III Infant deaths during 2007 by detailed age**

	Total	Male	Female
<b>Total under 1 year</b>	<b>230</b>	<b>125</b>	<b>105</b>
Under 30 mins	26	14	12
30 mins and under 1 day	46	27	19
Total under 1 day	72	41	31
1 day	20	9	11
2 days	11	4	7
3 days	6	3	3
4 days	5	4	1
5 days	8	7	1
6 days	4	1	3
Total under 7 days	54	28	26
7-13 days	12	5	7
14-20 days	9	6	3
21-27 days	9	2	7
Total under 4 weeks	30	13	17
4 weeks and under 2 months	27	17	10
2 months	10	4	6
3 months	3	1	2
4 months	8	4	4
5 months	6	4	2
6 months	2	2	-
7 months	4	4	-
8 months	2	1	1
9 months	4	3	1
10 months	3	-	3
11 months	5	3	2

## Stillbirths

There were 317 stillbirths in Ireland in 2007. This compares with 252 stillbirths in 2006.



For stillbirths, the highest rate per 1,000 live births was in Limerick City (12.7) and the lowest was in Roscommon (1.3). See table 4.3.

Stillbirths classified as being due to certain conditions originating in the perinatal period accounted for 85% of the stillbirths, while the remaining 15% were due to congenital malformations, deformations and chromosomal abnormalities. See table 4.10.

While statistics of infant mortality are obtained in the course of the usual procedure for registration of deaths, which has been in operation since 1863, particulars of late foetal mortality have been obtained through a scheme of notification to the Directors of Community Care. The scheme of notifying late foetal deaths was introduced in 1957, but comparisons between different areas of the country showed marked differences in the coverage of the scheme in the early years. Consequently, the number of late foetal deaths in the early years of the scheme is believed to be understated.

In 1995 stillbirths were registered in Ireland for the first time under the Stillbirths Registration Act, 1994. The definition of a stillbirth under the Act is broader than the definition used for late foetal deaths in previous Vital Statistics Reports. Care should be taken in comparing statistics on stillbirths and late foetal deaths in consideration of the changes between the notification and registration systems.

The National Perinatal Reporting System (NPRS) ([http://www.esri.ie/health\\_information/nprs/](http://www.esri.ie/health_information/nprs/)) also produces statistics on stillbirths, which can be compared to the numbers in these reports. The NPRS figures are derived from birth notification forms, rather than from stillbirths registered. In recent years, the numbers of stillbirths according to NPRS reports have been higher than the numbers published in these reports. This suggests that there is some non-registration of stillbirths and that caution should be taken in interpreting the statistics on stillbirths in these reports.

## Pregnancy, childbirth and puerperium

There were 2 maternal deaths in 2007. Table IV compares Ireland and the neighbouring countries for the years 1991-2007.

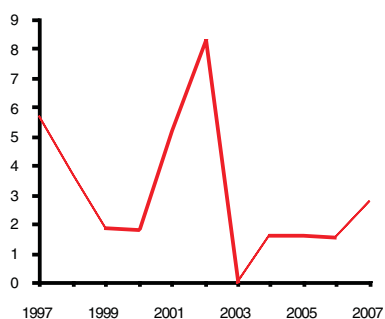
**Table IV Maternal deaths per 100,000 total live and stillbirths in Ireland<sup>1</sup> and neighbouring countries; 1991-2007**

Year	Number of deaths in Ireland <sup>1</sup>	Death rate per 100,000 live and stillbirths			
		Ireland <sup>1</sup>	Northern Ireland	England and Wales	Scotland
1991	3	6	1	1	9
1992	2	4	—	6	11
1993	—	—	—	4	11
1994	1	2	—	7	15
1995	—	—	—	7	10
1996	3	6	4	6	10
1997	3	6	—	4	7
1998	2	4	8	7	9
1999	1	2	—	5	13
2000	1	2	—	6	15
2001	3	5	9	7	11
2002	5	8	5	6	10
2003	—	—	3	7	14
2004	1	2	4	7	11
2005	1	2	5	7	7
2006	1	2	13	6	6
2007	2	3	—	7	14

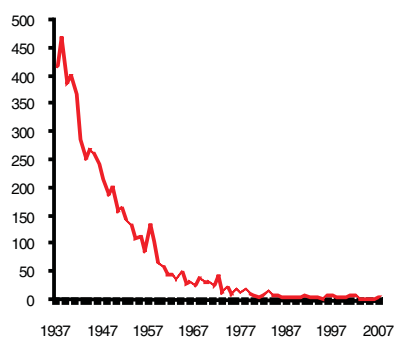
<sup>1</sup> Exclusive of Northern Ireland.

\* One maternal death which occurred in 1993 was registered in 1995.

**Maternal death rates per 100,000 live births, 1997-2007**



**Maternal death rates per 100,000 live births, 1937-2007**



## Stillbirths and Infant Mortality

The terms used in relation to stillbirths and infant mortality are defined as follows:

*Stillbirth:* Stillbirth weighing 500 grams or more or at gestational age of 24 weeks or more. This definition applies to stillbirth figures from 1995 onwards.

*Late foetal death:* Foetal death at or over 28 weeks gestation. This definition was applied up to 1994 inclusive.

*Early neonatal death:* Death at ages under 1 week of live born infant.

*Perinatal deaths:* Stillbirths or late foetal deaths plus early neonatal deaths.

*Late neonatal death:* Death between the ages of 1 week and 4 weeks of live born infant.

*Neonatal death:* Death at ages under 4 weeks of live born infant.

*Post neonatal death:* Death between the ages of 4 weeks and 1 year of live born infant.

*Infant death:* Death at ages under 1 year of live born infant.

*Stillbirth rate:* Stillbirths divided by total live births plus stillbirths, multiplied by 1,000.

*Late foetal mortality rate:* late foetal deaths divided by total live births plus late foetal deaths, multiplied by 1,000.

*Early neonatal mortality rate:* Early neonatal deaths divided by total live births, multiplied by 1,000.

*Perinatal mortality rate:* perinatal deaths divided by total live births plus stillbirths, multiplied by 1,000.

*Late neonatal mortality rate:* Late neonatal deaths divided by total live births, multiplied by 1,000.

*Neonatal mortality rate:* Neonatal deaths divided by total live births, multiplied by 1,000.

*Post neonatal mortality rate:* Post neonatal deaths divided by total live births, multiplied by 1,000.

*Infant mortality rate:* Infant deaths divided by total live births, multiplied by 1,000.

# Tables

**Table 4.1 Live births, stillbirths and infant mortality, 1957 to 2007**

Year	Live births	Population	Stillbirths <sup>4</sup>		Perinatal deaths		Neonatal deaths				Infant deaths
							Early	Late	Total	Post	
Persons											
1957-60 <sup>1</sup>	60,419	2,854	1,321	-	2,316	-	995	321	1,316	644	1,960
1961-70 <sup>2</sup>	62,417	2,881	1,060	-	1,890	-	830	206	1,036	514	1,550
1971-80 <sup>2</sup>	69,439	3,196	780	-	1,398	-	618	113	731	369	1,100
1981-90 <sup>2</sup>	61,628	3,513	475	-	758	-	283	58	341	228	569
1991-00 <sup>2</sup>	51,627	3,637	-	(272)	-	(490)	174	44	218	103	322
1997	52,775	3,661	368	(288)	510	(430)	142	44	186	135	321
1998	53,969	3,705	328	(255)	514	(441)	186	44	230	86	316
1999	53,924	3,745	311	(231)	484	(404)	173	45	218	99	317
2000	54,789	3,787	325	(256)	496	(427)	171	63	234	104	338
2001	57,854	3,839	358	(259)	535	(436)	177	53	230	101	331
2002	60,503	3,917	364	(274)	547	(457)	183	33	216	89	305
2003	61,529	3,980	345	(258)	529	(442)	184	49	233	93	326
2004	61,972	4,045	321	(236)	489	(404)	168	41	209	78	287
2005	61,372	4,134	254	(197)	385	(328)	131	36	167	69	236
2006	65,425	4,240	252	(198)	392	(338)	140	39	179	76	255
2007	71,389	4,339	317	(250)	443	(376)	126	30	156	74	230
Males											
1957-60 <sup>1</sup>	30,915	1,439	-	-	-	-	579	188	767	372	1,139
1961-70 <sup>2</sup>	32,053	1,448	475 <sup>3</sup>	-	891 <sup>3</sup>	-	470	118	588	291	879
1971-80 <sup>2</sup>	35,715	1,606	380	-	740	-	360	63	423	205	629
1981-90 <sup>2</sup>	31,747	1,756	246	-	407	-	161	32	193	129	322
1991-00 <sup>2</sup>	26,615	1,807	-	(145)	-	(245)	100	21	124	60	184
1997	27,061	1,817	213	(164)	280	(231)	67	25	92	72	164
1998	27,848	1,839	171	(141)	290	(260)	119	29	148	48	196
1999	27,817	1,859	169	(127)	264	(222)	95	21	116	56	172
2000	28,175	1,881	174	(137)	283	(246)	109	43	152	51	203
2001	29,684	1,907	175	(119)	272	(216)	97	26	123	55	178
2002	31,013	1,946	177	(133)	279	(235)	102	23	125	44	169
2003	31,455	1,977	181	(139)	297	(255)	116	24	140	53	193
2004	31,966	2,012	171	(120)	262	(211)	91	19	110	43	153
2005	31,489	2,062	153	(120)	209	(176)	56	19	75	35	110
2006	33,655	2,121	129	(102)	215	(188)	86	18	104	51	155
2007	36,487	2,171	169	(114)	238	(183)	69	13	82	43	125
Females											
1957-60 <sup>1</sup>	29,504	1,415	-	-	-	-	416	133	549	272	821
1961-70 <sup>2</sup>	30,364	1,433	471 <sup>3</sup>	-	800 <sup>3</sup>	-	360	88	448	223	671
1971-80 <sup>2</sup>	33,724	1,590	400	-	658	-	258	50	308	164	472
1981-90 <sup>2</sup>	29,882	1,758	229	-	351	-	122	26	148	99	247
1991-00 <sup>2</sup>	25,012	1,830	-	(127)	-	(202)	74	20	94	44	138
1997	25,714	1,843	155	(124)	230	(199)	75	19	94	63	157
1998	26,121	1,866	157	(114)	224	(181)	67	15	82	38	120
1999	26,107	1,886	142	(104)	220	(182)	78	24	102	43	145
2000	26,614	1,906	151	(119)	213	(181)	62	20	82	53	135
2001	28,170	1,932	183	(140)	263	(220)	80	27	107	46	153
2002	29,490	1,971	187	(141)	268	(222)	81	10	91	45	136
2003	30,074	2,003	164	(119)	232	(187)	68	25	93	40	133
2004	30,006	2,033	150	(116)	227	(193)	77	22	99	35	134
2005	29,883	2,072	101	(77)	176	(152)	75	17	92	34	126
2006	31,770	2,119	123	(96)	177	(150)	54	21	75	25	100
2007	34,902	2,168	148	(136)	205	(193)	57	17	74	31	105

<sup>1</sup> 4 year average<sup>2</sup> Decennial average<sup>3</sup> 5 year average, 1966-1970<sup>4</sup> Figures on stillbirths up to 1994 inclusive refer to the definition of late foetal deaths at or over 28 weeks gestation. From 1995 the figures relate to the new broader definition of stillbirths at or over 500g or at a gestational age of 24 weeks or more. For comparison purposes, figures according to the old definition are given in brackets from 1995 onwards.



**Table 4.2 Live birth, stillbirth and infant mortality rates, 1957 to 2007**

Year	Live births	Stillbirths <sup>4</sup>	Perinatal deaths		Neonatal deaths				Infant deaths
					Early	Late	Total	Post	
Persons									
1957-60 <sup>1</sup>	21.2	21.4 -	37.5 -	-	16.5	5.3	21.8	10.7	32.4
1961-70 <sup>2</sup>	21.7	16.7 -	29.8 -	-	13.3	3.3	16.6	8.2	24.8
1971-80 <sup>2</sup>	21.7	11.1 -	19.9 -	-	8.9	1.6	10.5	5.3	15.8
1981-90 <sup>2</sup>	17.5	7.6 -	12.2 -	-	4.6	0.9	5.5	3.7	9.2
1991-00 <sup>2</sup>	14.2	- (5.3)	- (9.5)		3.4	0.9	4.2	2.0	6.2
1997	14.4	6.9 (5.4)	9.6 (8.1)		2.7	0.8	3.5	2.6	6.1
1998	14.6	6.0 (4.7)	9.5 (8.1)		3.4	0.8	4.3	1.6	5.9
1999	14.4	5.7 (4.3)	8.9 (7.5)		3.2	0.8	4.0	1.8	5.9
2000	14.5	5.9 (4.7)	9.0 (7.8)		3.1	1.1	4.3	1.9	6.2
2001	15.1	6.1 (4.5)	9.2 (7.5)		3.1	0.9	4.0	1.7	5.7
2002	15.4	6.0 (4.5)	9.0 (7.5)		3.0	0.5	3.6	1.5	5.0
2003	15.5	5.6 (4.2)	8.5 (7.2)		3.0	0.8	3.8	1.5	5.3
2004	15.3	5.2 (3.8)	7.8 (6.5)		2.7	0.7	3.4	1.3	4.6
2005	14.8	4.1 (3.2)	6.2 (5.3)		2.1	0.6	2.7	1.1	3.8
2006	15.4	3.8 (3.0)	6.0 (5.1)		2.1	0.6	2.7	1.2	3.9
2007	16.5	4.4 (3.5)	6.2 (5.2)		1.8	0.4	2.2	1.0	3.2
Males									
1957-60 <sup>1</sup>	21.5	- -	- -		18.7	6.1	24.8	12.0	36.8
1961-70 <sup>2</sup>	22.1	14.6 <sup>3</sup> -	27.4 <sup>3</sup> -		14.7	3.6	18.3	9.1	27.4
1971-80 <sup>2</sup>	22.2	10.5 -	20.5 -		10.1	1.8	11.9	5.7	17.6
1981-90 <sup>2</sup>	18.1	7.7 -	12.7 -		5.1	1.0	6.1	4.1	10.1
1991-00 <sup>2</sup>	14.7	- (5.5)	- (9.2)		3.8	0.8	4.7	2.3	6.9
1997	14.9	7.8 (6.0)	10.3 (8.5)		2.5	0.9	3.4	2.7	6.1
1998	15.1	6.1 (5.0)	10.4 (9.3)		4.3	1.0	5.3	1.7	7.0
1999	15.0	6.0 (4.5)	9.4 (7.9)		3.4	0.8	4.2	2.0	6.2
2000	15.0	6.1 (4.8)	10.0 (8.7)		3.9	1.5	5.4	1.8	7.2
2001	15.6	5.9 (4.0)	9.1 (7.2)		3.3	0.9	4.1	1.9	6.0
2002	15.9	5.7 (4.3)	9.0 (7.6)		3.3	0.7	4.0	1.4	5.4
2003	15.9	5.7 (4.4)	9.4 (8.1)		3.7	0.8	4.5	1.7	6.1
2004	15.9	5.3 (3.7)	8.2 (6.6)		2.8	0.6	3.4	1.3	4.8
2005	15.3	4.8 (3.8)	6.6 (5.6)		1.8	0.6	2.4	1.1	3.5
2006	15.9	3.8 (3.0)	6.4 (5.6)		2.6	0.5	3.1	1.5	4.6
2007	16.8	4.6 (4.6)	6.5 (5.0)		1.9	0.4	2.2	1.2	3.4
Females									
1957-60 <sup>1</sup>	20.9	- -	- -		14.1	4.5	18.6	9.2	27.8
1961-70 <sup>2</sup>	21.2	15.3 <sup>3</sup> -	26.0 <sup>3</sup> -		11.9	2.9	14.8	7.3	22.1
1971-80 <sup>2</sup>	21.2	11.7 -	19.3 -		7.7	1.4	9.1	4.9	14.0
1981-90 <sup>2</sup>	17.0	7.6 -	11.6 -		4.1	0.9	5.0	3.3	8.3
1991-00 <sup>2</sup>	14.4	- (5.1)	- (8.1)		3.0	0.8	3.8	1.8	5.5
1997	13.9	6.0 (4.8)	8.9 (7.7)		2.9	0.7	3.7	2.5	6.1
1998	14.0	6.0 (4.3)	8.5 (6.9)		2.6	0.6	3.1	1.5	4.6
1999	13.8	5.4 (4.0)	8.4 (6.9)		3.0	0.9	3.9	1.6	5.6
2000	14.0	5.6 (4.4)	8.0 (6.8)		2.3	0.8	3.1	2.0	5.1
2001	14.6	6.5 (4.9)	9.3 (7.8)		2.8	1.0	3.8	1.6	5.4
2002	15.0	6.3 (4.8)	9.1 (7.5)		2.7	0.3	3.1	1.5	4.6
2003	15.0	5.4 (3.9)	7.7 (6.2)		2.3	0.8	3.1	1.3	4.4
2004	14.8	5.0 (3.9)	7.5 (6.4)		2.6	0.7	3.3	1.2	4.5
2005	14.4	3.4 (2.6)	5.9 (5.1)		2.5	0.6	3.1	1.1	4.2
2006	15.0	3.9 (3.0)	5.5 (4.7)		1.7	0.7	2.4	0.8	3.1
2007	16.1	4.2 (3.9)	5.8 (5.5)		1.6	0.5	2.1	0.9	3.0

<sup>1</sup> 4 year average<sup>2</sup> Decennial average<sup>3</sup> 5 year average, 1966-1970

<sup>4</sup> Figures on stillbirths up to 1994 inclusive refer to the definition of late foetal deaths at or over 28 weeks gestation. From 1995 the figures relate to the new broader definition of stillbirths at or over 500g or at a gestational age of 24 weeks or more. For comparison purposes, figures according to the old definition are given in brackets from 1995 onwards.

**Table 4.3 Stillbirths and infant mortality\* 2007 per 1,000 live births**

Area of residence	Infant mortality		Neonatal mortality		Stillbirths		Perinatal mortality	
	Number	Rate	Number	Rate	Number	Rate	Number	Rate
<b>STATE</b>	<b>230</b>	<b>3.2</b>	<b>156</b>	<b>2.2</b>	<b>317</b>	<b>4.4</b>	<b>443</b>	<b>6.2</b>
LEINSTER	137	3.4	93	2.3	180	4.4	252	6.2
Carlow	2	2.0	1	1.0	5	5.1	5	5.1
Dublin City	25	3.4	19	2.6	36	4.9	51	7.0
South Dublin	11	2.3	10	2.1	12	2.5	19	4.0
Fingal	15	2.8	10	1.9	26	4.9	37	7.0
Dun Laoghaire-Rathdown	11	4.2	6	2.3	18	6.8	22	8.3
Kildare	14	3.6	9	2.3	18	4.6	25	6.4
Kilkenny	4	3.1	3	2.3	3	2.3	4	3.1
Laois	4	3.1	3	2.3	6	4.7	9	7.0
Longford	3	5.1	2	3.4	7	11.8	9	15.2
Louth	5	2.7	1	0.5	9	4.9	10	5.5
Meath	15	4.3	10	2.9	11	3.1	18	5.1
Offaly	4	3.4	4	3.4	3	2.5	6	5.1
Westmeath	5	3.6	4	2.9	4	2.9	8	5.7
Wexford	12	5.3	7	3.1	12	5.3	16	7.0
Wicklow	7	2.9	4	1.7	10	4.2	13	5.4
MUNSTER	68	3.6	46	2.4	85	4.5	122	6.5
Clare	8	4.5	7	3.9	7	3.9	13	7.3
Cork City	9	6.4	3	2.1	9	6.4	12	8.6
Cork County	19	2.9	11	1.7	18	2.8	26	4.0
Kerry	9	4.4	7	3.4	10	4.9	14	6.8
Limerick City	3	3.5	3	3.5	11	12.7	14	16.1
Limerick County	7	3.3	5	2.4	10	4.8	15	7.2
North Tipperary	6	4.8	4	3.2	4	3.2	7	5.6
South Tipperary	3	2.5	3	2.5	5	4.2	8	6.7
Waterford City	2	2.6	1	1.3	6	7.9	7	9.2
Waterford County	2	1.9	2	1.9	5	4.8	6	5.8
CONNACHT	16	2.0	10	1.3	28	3.6	38	4.8
Galway City	0	0.0	0	0.0	2	2.0	2	2.0
Galway County	3	1.1	1	0.4	9	3.2	10	3.6
Leitrim	2	4.2	2	4.2	3	6.2	5	10.4
Mayo	6	3.2	4	2.1	7	3.8	11	5.9
Roscommon	2	2.5	1	1.3	1	1.3	2	2.5
Sligo	3	3.3	2	2.2	6	6.6	8	8.7
ULSTER (Part of)	9	2.2	7	1.7	24	5.9	31	7.6
Cavan	2	1.8	1	0.9	6	5.5	7	6.4
Donegal	7	3.2	6	2.8	15	7.0	21	9.7
Monaghan	0	0.0	0	0.0	3	3.7	3	3.7
REGIONAL AUTHORITIES								
Border	19	2.6	12	1.6	42	5.8	54	7.4
Midland	16	3.6	13	2.9	20	4.5	32	7.2
West	11	1.7	6	0.9	19	2.9	25	3.9
Dublin	62	3.1	45	2.3	92	4.6	129	6.5
Mid-East	36	3.7	23	2.3	39	4.0	56	5.7
Mid-West	24	4.0	19	3.2	32	5.3	49	8.2
South-East	25	3.3	17	2.3	36	4.8	46	6.1
South-West	37	3.7	21	2.1	37	3.7	52	5.2

\* For definition see glossary at end of commentary

The stillbirth and infant mortality rates in some areas based on small numbers are subject to considerable fluctuation and caution should be exercised in their interpretation.

**Table 4.4 Infant mortality rates per 1,000 live births by detailed age, 1941 to 2007**

Period	Under 24 hours	1-6 days	7-13 days	14-20 days	21 days and under 4 weeks	4 weeks and under 2 months	2 months and under 3 months	3 months and under 6 months	6 months and under 12 months	Total 4 weeks to 1 year
1941-50 <sup>1</sup>	7.0	8.7	4.3	4.2	4.3	8.7	6.9	12.3	9.4	37.3
1951-60 <sup>1</sup>	7.8	8.7	2.7	1.9	1.5	3.6	2.4	4.5	3.6	14.1
1961-70 <sup>1</sup>	7.1	6.2	1.4	1.1	0.8	2.1	1.5	2.7	2.0	8.2
1971-80 <sup>1</sup>	5.1	3.8	0.9	0.4	0.4	1.2	1.0	1.8	1.4	5.3
1981-90 <sup>1</sup>	2.8	1.8	0.5	0.2	0.3	0.7	0.7	1.3	0.9	3.7
1991-00 <sup>1</sup>	2.1	1.3	0.5	0.2	0.2	0.5	0.3	0.7	0.5	2.0
1994	2.0	1.2	0.3	0.3	0.2	0.5	0.3	0.6	0.4	1.7
1995	2.1	1.8	0.5	0.2	0.1	0.5	0.2	0.6	0.4	1.6
1996	2.2	1.2	0.4	0.2	0.1	0.5	0.2	0.5	0.6	1.9
1997	1.5	1.2	0.4	0.3	0.2	0.6	0.5	0.8	0.6	2.6
1998	2.2	1.2	0.5	0.2	0.2	0.5	0.3	0.5	0.4	1.6
1999	1.7	1.5	0.5	0.2	0.2	0.5	0.3	0.6	0.4	1.8
2000	2.1	1.0	0.6	0.4	0.2	0.5	0.4	0.5	0.5	1.9
2001	1.9	1.2	0.5	0.2	0.2	0.6	0.2	0.6	0.3	1.7
2002	2.1	1.0	0.3	0.2	0.1	0.3	0.3	0.6	0.3	1.5
2003	1.8	1.2	0.4	0.2	0.1	0.3	0.3	0.4	0.4	1.5
2004	1.5	1.2	0.4	0.2	0.1	0.3	0.2	0.5	0.3	1.3
2005	1.3	0.8	0.3	0.1	0.1	0.3	0.2	0.3	0.3	1.1
2006	1.4	0.8	0.3	0.2	0.1	0.3	0.2	0.3	0.4	1.2
2007	1.0	0.8	0.2	0.1	0.1	0.4	0.1	0.2	0.3	1.0

<sup>1</sup> Decennial average**Table 4.5 Comparable<sup>1</sup> stillbirth and perinatal mortality rates in Ireland<sup>2</sup> and neighbouring countries, 1980-2007**

Year	Stillbirth rate				Perinatal mortality rate			
	Ireland	Northern Ireland	England and Wales	Scotland	Ireland	Northern Ireland	England and Wales	Scotland
1980	9.1	9.2	7.2	6.7	14.8	15.6	13.3	13.1
1981	8.2	8.7	6.6	6.3	13.4	15.3	11.8	11.6
1982	8.0	6.9	6.3	5.8	13.5	13.3	11.3	11.5
1983	8.6	7.4	5.7	5.8	13.7	13.1	10.4	10.6
1984	8.4	5.8	5.7	5.8	13.7	10.8	10.1	11.0
1985	8.2	6.4	5.5	5.5	12.3	11.1	9.8	9.8
1986	7.8	4.4	5.3	5.8	11.9	9.5	9.6	10.2
1987	7.1	6.1	5.0	5.1	10.4	9.8	8.9	8.9
1988	7.0	5.0	4.9	5.4	11.3	9.3	8.7	8.9
1989	6.3	5.1	4.7	5.0	10.3	8.2	8.3	8.7
1990	6.1	4.4	4.6	5.3	10.2	7.6	8.1	8.7
1991	5.7	4.7	4.6	5.5	9.5	8.4	8.0	8.6
1992	5.5	4.6	4.3	4.9	9.3	8.0	7.6	8.5
1993	5.9	4.1	4.4	4.8	9.1	7.7	7.6	8.0
1994	6.1	5.2	4.4	4.5	9.3	8.6	7.6	7.4
1995	5.2 (6.5)	4.5 (6.1)	4.2 (5.5)	4.9 (6.6)	9.1 (10.3)	8.9 (10.4)	7.4 (8.8)	7.9 (9.6)
1996	5.1 (6.3)	4.7 (6.2)	4.0 (5.4)	5.0 (6.4)	8.6 (9.7)	7.8 (9.4)	7.2 (8.6)	7.9 (9.2)
1997	5.4 (6.6)	4.1 (5.4)	3.9 (5.3)	4.1 (5.3)	8.1 (9.2)	7.3 (8.6)	6.9 (8.3)	6.6 (7.8)
1998	4.7 (5.9)	3.7 (5.1)	4.0 (5.3)	4.5 (6.1)	8.1 (9.3)	6.8 (8.1)	6.9 (8.2)	7.2 (8.7)
1999	4.3 (5.6)	4.6 (5.7)	3.8 (5.3)	4.0 (5.2)	7.5 (8.8)	8.2 (9.5)	6.6 (8.2)	6.4 (7.6)
2000	4.7 (5.5)	3.2 (4.3)	3.7 (5.3)	4.0 (5.6)	7.8 (8.6)	5.0 (6.4)	6.7 (8.2)	6.8 (8.4)
2001	4.5 (5.8)	4.0 (5.1)	3.8 (5.3)	4.6 (5.7)	7.5 (8.8)	6.1 (6.9)	6.4 (8.0)	7.4 (8.5)
2002	4.5 (5.6)	4.5 (5.7)	4.1 (5.6)	4.2 (5.4)	7.6 (8.7)	7.0 (7.6)	6.8 (8.3)	6.4 (7.6)
2003	4.2 (5.2)	3.8 (5.0)	4.2 (5.8)	4.5 (5.6)	7.1 (8.2)	6.4 (7.8)	7.0 (8.6)	6.9 (8.0)
2004	3.8 (4.8)	3.5 (5.0)	4.1 (5.7)	4.4 (5.8)	6.5 (7.5)	6.5 (7.8)	6.6 (8.4)	6.7 (8.1)
2005	3.2 (3.9)	3.1 (4.0)	3.8 (5.4)	4.1 (5.3)	5.3 (6.0)	6.0 (6.9)	6.5 (8.0)	6.5 (7.7)
2006	3.0 (3.8)	3.1 (3.8)	3.8 (5.4)	4.0 (5.3)	5.1 (6.0)	6.0 (6.5)	6.5 (8.0)	6.2 (7.4)
2007	3.5 (4.4)	3.1 (4.2)	3.9 (5.2)	4.1 (5.6)	5.2 (6.2)	6.1 (7.1)	6.4 (7.7)	6.4 (7.8)

<sup>1</sup> For comparison purposes, the rates in the table are based on foetal deaths at or over 28 week gestation. The rates in brackets for 1995-2007 refer to foetal deaths at over 24 weeks gestation<sup>2</sup> Exclusive of Northern Ireland.

**Table 4.6 Infant mortality - deaths under 1 year in 2007, classified by sex, age and cause**

ICD-10 code	Cause of death	Sex	Total under 1 year	Under 30 mins	30 mins & under 1 day	Total under 1 day	Total under 7 days	Days			Total under 4 weeks	4 weeks & under 1 Year
								7-13	14-20	21-27		
<b>A00-Y89</b>	<b>All causes</b>	<b>M</b>	<b>125</b>	<b>14</b>	<b>27</b>	<b>41</b>	<b>69</b>	<b>5</b>	<b>6</b>	<b>2</b>	<b>82</b>	<b>43</b>
		<b>F</b>	<b>105</b>	<b>12</b>	<b>19</b>	<b>31</b>	<b>57</b>	<b>7</b>	<b>3</b>	<b>7</b>	<b>74</b>	<b>31</b>
G00-H95	Diseases of the nervous system and the sense organs of which:	M	5	-	-	-	1	-	-	-	1	4
		F	3	-	-	-	-	-	-	1	1	2
G00-G03	Meningitis	M	-	-	-	-	-	-	-	-	-	-
		F	2	-	-	-	-	-	-	-	-	2
G04-H95	Remainder	M	5	-	-	-	1	-	-	-	1	4
		F	1	-	-	-	-	-	-	1	1	-
P00-P96	Certain conditions originating in the perinatal period of which:	M	46	6	15	21	35	3	1	-	39	7
		F	38	8	8	16	26	4	-	-	30	7
							1	-	-	1	2	4
P00-P04	Foetus or newborn affected by maternal factors and by complications of pregnancy, labour and delivery	M	13	1	5	6	12	-	-	-	12	1
		F	10	3	4	7	10	-	-	-	10	-
P05-P08	Disorders related to length of gestation and fetal growth	M	11	3	6	9	11	-	-	-	11	-
		F	12	5	2	7	11	1	-	-	12	-
P10-P15	Birth Trauma	M	-	-	-	-	-	-	-	-	-	-
		F	1	-	-	-	-	-	-	-	-	1
P20-P29	Respiratory and cardiovascular disorders specific to the perinatal period	M	10	1	4	5	6	1	-	-	7	3
		F	2	-	-	-	1	-	-	-	1	1
P35-P39	Infections specific to the perinatal period	M	1	-	-	-	-	1	-	-	1	-
		F	3	-	-	-	-	2	-	-	2	1
P50-P61	Haemorrhagic & haematological disorders of fetus and newborn	M	7	-	-	-	5	-	-	-	5	2
		F	6	-	1	1	4	-	-	-	4	2
P70-P74	Transitory endocrine and metabolic disorders specific to fetus and newborn	M	1	-	-	-	-	-	-	-	-	1
		F	-	-	-	-	-	-	-	-	-	-
P75-P78	Digestive system disorders of fetus and newborn	M	2	-	-	-	-	1	1	-	2	-
		F	3	-	-	-	-	1	-	-	1	2
P80-P83	Conditions involving the integument and temperature regulation of fetus and newborn	M	1	1	-	1	1	-	-	-	1	-
		F	1	-	1	1	1	-	-	-	1	-
P90-P96	Other disorders originating in the perinatal period	M	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-
Q00-Q99	Congenital malformations, deformations and chromosomal abnormalities	M	55	8	12	20	33	2	5	-	40	15
		F	50	4	11	15	30	3	2	5	40	10
Q00-Q07	of which: Congenital malformations of the nervous system	M	5	-	-	-	3	-	-	-	3	2
		F	4	-	1	1	2	1	1	-	4	-

**Table 4.6 (continued) Infant mortality - deaths under 1 year in 2007, classified by sex, age and cause**

ICD-10 code	Cause of death	Sex	Total under 1 year	Under 30 mins	30 mins & under 1 day	Total under 1 day	Total under 7 days	Days			Total under 4 weeks	4 weeks & under 1 Year
								7-13	14-20	21-27		
Q10-Q18	Congenital malformations of eye, ear, face and neck	M	1	-	1	1	1	-	-	-	1	-
		F	-	-	-	-	-	-	-	-	-	-
Q20-Q28	Congenital malformations of the circulatory system	M	15	1	-	1	4	1	3	-	8	7
		F	16	1	1	2	5	2	1	3	11	5
Q30-Q34	Congenital malformations of the respiratory system	M	3	-	1	1	2	-	1	-	3	-
		F	-	-	-	-	-	-	-	-	-	-
Q35-Q37	Cleft lip and cleft palate	M	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-
Q38-Q45	Other congenital malformations of the digestive system	M	3	-	1	1	1	-	1	-	2	1
		F	1	-	1	1	1	-	-	-	1	-
Q50-Q56	Congenital malformations of genital organs	M	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-
Q60-Q64	Congenital malformations of the urinary system	M	3	1	2	3	3	-	-	-	3	-
		F	2	-	1	1	2	-	-	-	2	-
Q65-Q79	Congenital malformations and deformations of the musculoskeletal system	M	8	3	3	6	7	1	-	-	8	-
		F	6	1	1	2	6	-	-	-	6	-
Q80-Q89	Other congenital malformations	M	-	-	-	-	-	-	-	-	-	-
		F	6	2	-	2	4	-	-	-	4	2
Q90-Q99	Chromosomal abnormalities, not elsewhere classified	M	15	2	3	5	10	-	-	-	10	5
		F	12	-	4	4	7	-	-	2	9	3
R95	Sudden infant death syndrome	M	11	-	-	-	-	-	-	2	2	9
		F	12	-	-	-	-	-	1	1	2	10
	All other causes	M	8	-	-	-	-	-	-	-	-	8
		F	2	-	-	-	-	-	-	-	-	2

**Table 4.7 Infant mortality - deaths under 1 year in 2007, classified by age under 4 weeks and 4 weeks to one year, sex and cause assigned to each Province**

ICD-10 code	Cause of death	Age	Total		Leinster		Munster		Connacht		Ulster (Part of)	
			M	F	M	F	M	F	M	F	M	F
<b>A00-Y89</b>	<b>All causes</b>	<b>Under 4 weeks</b>	<b>82</b>	<b>74</b>	<b>49</b>	<b>44</b>	<b>22</b>	<b>24</b>	<b>4</b>	<b>6</b>	<b>7</b>	<b>-</b>
		<b>4 weeks to 1 year</b>	<b>43</b>	<b>31</b>	<b>28</b>	<b>16</b>	<b>10</b>	<b>12</b>	<b>5</b>	<b>1</b>	<b>-</b>	<b>2</b>
G00-H95	Diseases of the nervous system and the sense organs	Under 4 weeks	1	1	1	1	-	-	-	-	-	-
	<i>of which:</i>	4 weeks to 1 year	4	2	2	2	1	-	1	-	-	-
G00-G03	Meningitis	Under 4 weeks	-	-	-	-	-	-	-	-	-	-
		4 weeks to 1 year	-	2	-	2	-	-	-	-	-	-
G04-H95	Remainder of diseases of the nervous system and the sense organs	Under 4 weeks	1	1	1	1	-	-	-	-	-	-
		4 weeks to 1 year	4	-	2	-	1	-	1	-	-	-
P00-P96	Certain conditions originating in the perinatal period	Under 4 weeks	39	31	21	20	13	8	2	3	3	-
	<i>of which:</i>	4 weeks to 1 year	7	7	6	4	-	3	1	-	-	-
P00-P04	Foetus or newborn affected by maternal factors and by complications of pregnancy, labour and delivery	Under 4 weeks	12	10	7	5	4	5	-	-	1	-
		4 weeks to 1 year	1	-	1	-	-	-	-	-	-	-
P05-P08	Disorders related to length of gestation and fetal growth	Under 4 weeks	11	12	7	9	4	2	-	1	-	-
		4 weeks to 1 year	-	-	-	-	-	-	-	-	-	-
P10-P15	Birth Trauma	Under 4 weeks	-	-	-	-	-	-	-	-	-	-
		4 weeks to 1 year	-	1	-	1	-	-	-	-	-	-
P20-P29	Respiratory and cardiovascular disorders specific to the perinatal period	Under 4 weeks	7	1	3	1	2	-	1	-	1	-
		4 weeks to 1 year	3	1	3	-	-	1	-	-	-	-
P35-P39	Infections specific to the perinatal period	Under 4 weeks	1	2	-	2	1	-	-	-	-	-
		4 weeks to 1 year	-	1	-	1	-	-	-	-	-	-
P50-P61	Haemorrhagic & haematological disorders of fetus and newborn	Under 4 weeks	5	4	2	1	1	1	1	2	1	-
		4 weeks to 1 year	2	2	1	2	-	-	1	-	-	-
P70-P74	Transitory endocrine and metabolic disorders specific to fetus and newborn	Under 4 weeks	-	-	-	-	-	-	-	-	-	-
		4 weeks to 1 year	1	-	1	-	-	-	-	-	-	-
P75-P78	Digestive system disorders of fetus and newborn	Under 4 weeks	2	1	1	1	1	-	-	-	-	-
		4 weeks to 1 year	-	2	-	-	-	2	-	-	-	-
P80-P83	Conditions involving the integument and temperature regulation of fetus and newborn	Under 4 weeks	1	1	1	1	-	-	-	-	-	-
		4 weeks to 1 year	-	-	-	-	-	-	-	-	-	-
P90-P96	Other disorders originating in the perinatal period	Under 4 weeks	-	-	-	-	-	-	-	-	-	-
		4 weeks to 1 year	-	-	-	-	-	-	-	-	-	-
Q00-Q99	Congenital malformations, deformations and chromosomal abnormalities	Under 4 weeks	40	40	25	23	9	14	2	3	4	0
	<i>of which:</i>	4 weeks to 1 year	15	10	8	4	5	3	2	1	-	2
Q00-Q07	Congenital malformations of the nervous system	Under 4 weeks	5	7	2	3	2	3	1	1	-	-
		4 weeks to 1 year	2	-	1	-	1	-	-	-	-	-
Q10-Q18	Congenital malformations of eye, ear, face and neck	Under 4 weeks	1	-	1	-	-	-	-	-	-	-
		4 weeks to 1 year	-	-	-	-	-	-	-	-	-	-
Q20-Q28	Congenital malformations of the circulatory system	Under 4 weeks	8	11	7	8	1	2	-	1	-	-
		4 weeks to 1 year	7	5	4	3	2	1	1	-	-	1
Q30-Q34	Congenital malformations of the respiratory system	Under 4 weeks	3	-	1	-	1	-	-	-	1	-
		4 weeks to 1 year	-	-	-	-	-	-	-	-	-	-
Q35-Q37	Cleft lip and cleft palate	Under 4 weeks	-	-	-	-	-	-	-	-	-	-
		4 weeks to 1 year	-	-	-	-	-	-	-	-	-	-
Q38-Q45	Other congenital malformations of the digestive system	Under 4 weeks	2	1	2	1	-	-	-	-	-	-
		4 weeks to 1 year	1	-	1	-	-	-	-	-	-	-
Q50-Q56	Congenital malformations of genital organs	Under 4 weeks	-	-	-	-	-	-	-	-	-	-
		4 weeks to 1 year	-	-	-	-	-	-	-	-	-	-
Q60-Q64	Congenital malformations of the urinary system	Under 4 weeks	3	2	1	1	2	1	-	-	-	-
		4 weeks to 1 year	-	-	-	-	-	-	-	-	-	-
Q65-Q79	Congenital malformations and deformations of the musculoskeletal system	Under 4 weeks	8	6	6	5	-	1	-	-	2	-
		4 weeks to 1 year	-	-	-	-	-	-	-	-	-	-
Q80-Q89	Other congenital malformations	Under 4 weeks	-	4	-	1	-	2	-	1	-	-
		4 weeks to 1 year	-	2	-	-	-	2	-	-	-	-
Q90-Q99	Chromosomal abnormalities, not elsewhere classified	Under 4 weeks	10	9	5	4	3	5	1	-	1	-
		4 weeks to 1 year	5	3	2	1	2	-	1	1	-	1
R95	Sudden infant death syndrome	Under 4 weeks	2	2	2	-	-	2	-	-	-	-
		4 weeks to 1 year	9	10	5	5	3	5	1	-	-	-
	All other causes	Under 4 weeks	-	-	-	-	-	-	-	-	-	-
		4 weeks to 1 year	8	2	7	1	1	1	-	-	-	-

**Table 4.8 Infant mortality - deaths under 1 year in 2007, classified by sex and cause assigned to each Regional Authority**

ICD-10 code	Cause of death	Border		Midland		West		Dublin		Mid-East		Mid-West		South-East		South-West	
		M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
<b>A00-Y89</b>	<b>All causes</b>	<b>12</b>	<b>7</b>	<b>12</b>	<b>4</b>	<b>7</b>	<b>4</b>	<b>27</b>	<b>35</b>	<b>25</b>	<b>11</b>	<b>12</b>	<b>12</b>	<b>16</b>	<b>9</b>	<b>14</b>	<b>23</b>
G00-H95	Diseases of the nervous system and the sense organs <i>of which:</i>	-	-	-	-	1	-	2	3	1	-	-	-	-	-	1	-
G00-G03	Meningitis	-	-	-	-	-	-	-	2	-	-	-	-	-	-	-	-
G04-H95	Remainder of diseases of the nervous system and the sense organs	-	-	-	-	1	-	2	1	1	-	-	-	-	-	1	-
P00-P96	Certain conditions originating in the perinatal period <i>of which:</i>	3	1	3	-	3	2	11	14	10	6	5	4	6	5	5	6
P00-P04	Foetus or newborn affected by maternal factors and by complications of pregnancy, labour and delivery	1	-	1	-	-	-	2	3	5	2	1	2	-	1	3	2
P05-P08	Disorders related to length of gestation and fetal growth	-	1	2	-	-	-	2	5	3	-	2	1	1	4	1	1
P10-P15	Birth Trauma	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-
P20-P29	Respiratory and cardiovascular disorders specific to the perinatal period	1	-	-	-	1	-	3	1	2	-	1	-	2	-	-	1
P35-P39	Infections specific to the perinatal period	-	-	-	-	-	-	-	1	-	2	1	-	-	-	-	-
P50-P61	Haemorrhagic & haematological disorders of fetus and newborn	1	-	-	-	2	2	2	2	-	1	-	1	1	-	1	-
P70-P74	Transitory endocrine and metabolic disorders specific to fetus and newborn	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-
P75-P78	Digestive system disorders of fetus and newborn	-	-	-	-	-	-	1	-	-	1	-	-	1	-	-	2
P80-P83	Conditions involving the integument and temperature regulation of fetus and newborn	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-
P90-P96	Other disorders originating in the perinatal period	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Q00-Q99	Congenital malformations, deformations and chromosomal abnormalities <i>of which:</i>	7	5	7	3	2	2	10	16	9	4	5	6	8	3	7	11
Q00-Q07	Congenital malformations of the nervous system	-	1	-	-	1	-	2	1	-	1	1	2	1	1	2	1
Q10-Q18	Congenital malformations of eye, ear, face and neck	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Q20-Q28	Congenital malformations of the circulatory system	1	2	2	1	-	-	2	7	4	2	1	-	4	1	1	3
Q30-Q34	Congenital malformations of the respiratory system	1	-	-	-	-	-	1	-	-	-	-	-	-	-	1	-
Q35-Q37	Cleft lip and cleft palate	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Q38-Q45	Other congenital malformations of the digestive system	-	-	-	-	-	-	1	1	1	-	-	-	1	-	-	-
Q50-Q56	Congenital malformations of genital organs	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Q60-Q64	Congenital malformations of the urinary system	-	-	-	-	-	-	1	1	-	-	1	1	1	-	-	-
Q65-Q79	Congenital malformations and deformations of the musculoskeletal system	2	-	4	2	-	-	-	2	2	-	-	-	-	1	-	1
Q80-Q89	Other congenital malformations	-	-	-	-	-	1	-	1	-	-	-	-	-	-	-	4
Q90-Q99	Chromosomal abnormalities, not elsewhere classified	2	2	1	-	1	1	3	3	2	1	2	3	1	-	3	2
R95	Sudden infant death syndrome	1	1	1	1	1	-	2	2	3	-	2	1	1	1	-	6
	All other causes	1	-	1	-	-	-	2	1	2	1	-	-	1	-	1	-

**Table 4.9 Infant mortality - deaths under 1 year in 2007, classified by age group and cause assigned to each Regional Authority**

ICD-10 code	Cause of death	Age	Border	Midland	West	Dublin	Mid-East	Mid-West	South-East	South-West
<b>A00-Y89</b>	<b>All causes</b>	<b>Under 4 weeks</b>	<b>12</b>	<b>13</b>	<b>6</b>	<b>45</b>	<b>23</b>	<b>19</b>	<b>17</b>	<b>21</b>
		<b>4 weeks to 1 year</b>	<b>7</b>	<b>3</b>	<b>5</b>	<b>17</b>	<b>13</b>	<b>5</b>	<b>8</b>	<b>16</b>
G00-H95	Diseases of the nervous system and the sense organs	Under 4 weeks	-	-	-	2	-	-	-	-
	<i>of which:</i>	4 weeks to 1 year	-	-	1	3	1	-	-	1
G00-G03	Meningitis	Under 4 weeks	-	-	-	-	-	-	-	-
		4 weeks to 1 year	-	-	-	2	-	-	-	-
G04-H95	Remainder of diseases of the nervous system and the sense organs	Under 4 weeks	-	-	-	2	-	-	-	-
		4 weeks to 1 year	-	-	1	1	1	-	-	1
P00-P96	Certain conditions originating in the perinatal period	Under 4 weeks	4	3	4	21	12	9	9	8
	<i>of which:</i>	4 weeks to 1 year	-	-	1	4	4	-	2	3
P00-P04	Foetus or newborn affected by maternal factors and by complications of pregnancy, labour and delivery	Under 4 weeks	1	1	-	5	6	3	1	5
		4 weeks to 1 year	-	-	-	-	1	-	-	-
P05-P08	Disorders related to length of gestation and fetal growth	Under 4 weeks	1	2	-	7	3	3	5	2
		4 weeks to 1 year	-	-	-	-	-	-	-	-
P10-P15	Birth Trauma	Under 4 weeks	-	-	-	-	-	-	-	-
		4 weeks to 1 year	-	-	-	1	-	-	-	-
P20-P29	Respiratory and cardiovascular disorders specific to the perinatal period	Under 4 weeks	1	-	1	2	1	1	2	-
		4 weeks to 1 year	-	-	-	2	1	-	-	1
P35-P39	Infections specific to the perinatal period	Under 4 weeks	-	-	-	1	1	1	-	-
		4 weeks to 1 year	-	-	-	-	1	-	-	-
P50-P61	Haemorrhagic & haematological disorders of fetus and newborn	Under 4 weeks	1	-	3	3	-	1	-	1
		4 weeks to 1 year	-	-	1	1	1	-	1	-
P70-P74	Transitory endocrine and metabolic disorders specific to fetus and newborn	Under 4 weeks	-	-	-	-	-	-	-	-
		4 weeks to 1 year	-	-	-	-	-	-	1	-
P75-P78	Digestive system disorders of fetus and newborn	Under 4 weeks	-	-	-	1	1	-	1	-
		4 weeks to 1 year	-	-	-	-	-	-	-	2
P80-P83	Conditions involving the integument and temperature regulation of fetus and newborn	Under 4 weeks	-	-	-	2	-	-	-	-
		4 weeks to 1 year	-	-	-	-	-	-	-	-
P90-P96	Other disorders originating in the perinatal period	Under 4 weeks	-	-	-	-	-	-	-	-
		4 weeks to 1 year	-	-	-	-	-	-	-	-
Q00-Q99	Congenital malformations, deformations and chromosomal abnormalities	Under 4 weeks	8	10	2	21	10	10	8	11
	<i>of which:</i>	4 weeks to 1 year	4	-	2	5	3	1	3	7
Q00-Q07	Congenital malformations of the nervous system	Under 4 weeks	-	-	1	2	-	2	1	1
		4 weeks to 1 year	-	-	-	-	-	-	1	1
Q10-Q18	Congenital malformations of eye, ear, face and neck	Under 4 weeks	1	-	-	-	-	-	-	-
		4 weeks to 1 year	-	-	-	-	-	-	-	-
Q20-Q28	Congenital malformations of the circulatory system	Under 4 weeks	1	3	-	6	3	-	4	2
		4 weeks to 1 year	2	-	-	3	3	1	1	2
Q30-Q34	Congenital malformations of the respiratory system	Under 4 weeks	1	-	-	1	-	-	-	1
		4 weeks to 1 year	-	-	-	-	-	-	-	-
Q35-Q37	Cleft lip and cleft palate	Under 4 weeks	-	-	-	-	-	-	-	-
		4 weeks to 1 year	-	-	-	-	-	-	-	-
Q38-Q45	Other congenital malformations of the digestive system	Under 4 weeks	-	-	-	1	1	-	1	-
		4 weeks to 1 year	-	-	-	1	-	-	-	-
Q50-Q56	Congenital malformations of genital organs	Under 4 weeks	-	-	-	-	-	-	-	-
		4 weeks to 1 year	-	-	-	-	-	-	-	-
Q60-Q64	Congenital malformations of the urinary system	Under 4 weeks	-	-	-	2	-	2	1	-
		4 weeks to 1 year	-	-	-	-	-	-	-	-
Q65-Q79	Congenital malformations and deformations of the musculoskeletal system	Under 4 weeks	2	6	-	2	2	-	1	1
		4 weeks to 1 year	-	-	-	-	-	-	-	-
Q80-Q89	Other congenital malformations	Under 4 weeks	-	-	1	1	-	-	-	2
		4 weeks to 1 year	-	-	-	-	-	-	-	2
Q90-Q99	Chromosomal abnormalities, not elsewhere classified	Under 4 weeks	2	1	-	5	3	5	-	3
		4 weeks to 1 year	2	-	2	1	-	-	1	2
R95	Sudden infant death syndrome	Under 4 weeks	-	-	-	1	1	-	-	2
		4 weeks to 1 year	2	2	1	3	2	3	2	4
	All other causes	Under 4 weeks	-	-	-	-	-	-	-	-
		4 weeks to 1 year	1	1	-	2	3	1	1	1



**Table 4.10 Stillbirths in 2007, classified by cause and sex**

ICD-10 code	Cause of death	Total	Male	Female
<b>A00-Y89</b>	<b>All causes</b>	<b>317</b>	<b>169</b>	<b>148</b>
P00-P96	Certain conditions originating in the perinatal period	268	149	119
P00-P04	<i>of which:</i> Foetus or newborn affected by maternal factors and by complications of pregnancy, labour and delivery	91	49	42
P05-P08	Disorders related to length of gestation and fetal growth	97	54	43
P10-P15	Birth Trauma	1	-	1
P20-P29	Respiratory and cardiovascular disorders specific to the perinatal period	9	4	5
P35-P39	Infections specific to the perinatal period	3	1	2
P50-P61	Haemorrhagic and haematological disorders of fetus and newborn	2	1	1
P70-P74	Transitory endocrine and metabolic disorders specific to fetus and newborn	2	2	-
P75-P78	Digestive system disorders of fetus and newborn	-	-	-
P80-P83	Conditions involving the integument and temperature regulation of fetus and newborn	6	4	2
P90-P96	Other disorders in the perinatal period	57	34	23
Q00-Q99	Congenital malformations, deformations and chromosomal abnormalities	49	20	29
Q00-Q07	<i>of which:</i> Other congenital malformations of the nervous system	13	3	10
Q10-Q18	Congenital malformations of eye, ear, face and neck	1	1	-
Q20-Q28	Congenital malformations of the circulatory system	3	1	2
Q30-Q34	Congenital malformations of the respiratory system	-	-	-
Q35-Q37	Cleft lip and cleft palate	-	-	-
Q38-Q45	Other congenital malformations of the digestive system	1	1	-
Q50-Q56	Congenital malformations of genital organs	-	-	-
Q60-Q64	Congenital malformations of the urinary system	2	-	2
Q65-Q79	Congenital malformations and deformations of the musculoskeletal system	3	2	1
Q80-Q89	Other congenital malformations	3	1	2
Q90-Q99	Chromosomal abnormalities, not elsewhere classified	23	11	12

**Table 4.11 Stillbirths in 2007, classified by age of mother, sex of child and period of gestation**

Age of mother	Sex of child	Period of gestation					
		Total	Under 24	24-27	28-36	37 weeks	Not Stated
<b>Total</b>	<b>Males</b>	<b>169</b>	<b>8</b>	<b>25</b>	<b>62</b>	<b>74</b>	<b>-</b>
	<b>Females</b>	<b>148</b>	<b>10</b>	<b>24</b>	<b>59</b>	<b>55</b>	<b>-</b>
Under 20	Males	6	-	-	3	3	-
	Females	6	1	2	3	-	-
20-24	Males	21	2	4	2	13	-
	Females	20	2	3	11	4	-
25-29	Males	30	-	7	12	11	-
	Females	29	1	5	12	11	-
30-34	Males	42	4	3	14	21	-
	Females	47	2	5	20	20	-
35-39	Males	49	1	6	23	19	-
	Females	31	1	4	10	16	-
40 and over	Males	11	-	3	6	2	-
	Females	9	-	5	1	3	-
Not stated	Males	10	1	2	2	5	-
	Females	6	3	-	2	1	-

**Table 4.12 Stillbirths in 2007, classified by age of mother and number of previous live and stillborn children**

Previous children	Total	Under 20	20-24	25-29	30-34	35-39	40 and over	Not stated
Number of previous children								
<b>Total</b>	<b>317</b>	<b>12</b>	<b>41</b>	<b>59</b>	<b>89</b>	<b>80</b>	<b>20</b>	<b>16</b>
0	134	10	26	27	39	26	6	-
1	72	1	6	17	22	24	2	-
2	40	-	2	4	15	17	1	1
3	14	-	-	3	4	6	1	-
4 or 5	11	-	-	1	3	2	5	-
6 or more	1	-	-	-	1	-	-	-
Not stated	45	1	7	7	5	5	5	15

**Table 4.13 Stillbirths in 2007, classified by cause and period of gestation**

ICD_10 codes	Cause of death	Total	Under 28	28-31	32-36	37-41	42 & over
<b>A00-Y89</b>	<b>All causes</b>	<b>317</b>	<b>67</b>	<b>52</b>	<b>69</b>	<b>128</b>	<b>1</b>
P00-P96	Certain conditions originating in the perinatal period	268	61	45	52	109	1
	<i>of which:</i>						
P00-P04	Foetus or newborn affected by maternal factors and by complications of pregnancy, labour and delivery	91	22	17	12	40	-
P05-P08	Disorders related to length of gestation and fetal growth	97	32	20	33	12	-
P10-P15	Birth Trauma	1	-	-	1	-	-
P20-P29	Respiratory and cardiovascular disorders specific to the perinatal period	9	4	1	1	3	-
P35-P39	Infections specific to the perinatal period	3	-	-	1	2	-
P50-P61	Haemorrhagic and haematological disorders of fetus and newborn	2	-	-	-	2	-
P70-P74	Transitory endocrine and metabolic disorders specific to fetus and newborn	2	-	-	1	1	-
P75-P78	Digestive system disorders of fetus and newborn	-	-	-	-	-	-
P80-P83	Conditions involving the integument and temperature regulation of fetus and newborn	6	1	3	1	1	-
P90-P96	Other disorders in the perinatal period	57	2	4	2	48	1
Q00-Q99	Congenital malformations, deformations and chromosomal abnormalities	49	6	7	17	19	-
	<i>of which:</i>						
Q00-Q07	Other congenital malformations of the nervous system	13	1	1	4	7	-
Q10-Q18	Congenital malformations of eye, ear, face and neck	1	-	1	-	-	-
Q20-Q28	Congenital malformations of the circulatory system	3	2	-	-	1	-
Q30-Q34	Congenital malformations of the respiratory system	-	-	-	-	-	-
Q35-Q37	Cleft lip and cleft palate	-	-	-	-	-	-
Q38-Q45	Other congenital malformations of the digestive system	1	-	-	1	-	-
Q50-Q56	Congenital malformations of genital organs	-	-	-	-	-	-
Q60-Q64	Congenital malformations of the urinary system	2	-	-	1	1	-
Q65-Q79	Congenital malformations and deformations of the musculoskeletal system	3	-	1	1	1	-
Q80-Q89	Other congenital malformations	3	1	1	1	-	-
Q90-Q99	Chromosomal abnormalities, not elsewhere classified	23	2	3	9	9	-

**Table 4.14 Stillbirths in 2007, classified by cause and number of previous children**

ICD-10 codes	Cause of death	Number of previous children							
		Total	0	1	2	3	4 or 5	6 or more	Not Stated
<b>A00-Y89</b>	<b>All causes</b>	<b>317</b>	<b>134</b>	<b>72</b>	<b>40</b>	<b>14</b>	<b>11</b>	<b>1</b>	<b>45</b>
P00-P96	Certain conditions originating in the perinatal period	268	119	60	34	8	8	-	39
	of which:								
P00-P04	Foetus or newborn affected by maternal factors and by complications of pregnancy, labour and delivery	91	31	17	13	4	3	-	23
P05-P08	Disorders related to length of gestation and fetal growth	97	48	24	12	4	2	-	7
P10-P15	Birth Trauma	1	1	-	-	-	-	-	-
P20-P29	Respiratory and cardiovascular disorders specific to the perinatal period	9	5	1	-	-	-	-	3
P35-P39	Infections specific to the perinatal period	3	1	-	2	-	-	-	-
P50-P61	Haemorrhagic and haematological disorders of fetus and newborn	2	-	-	1	-	-	-	1
P70-P74	Transitory endocrine and metabolic disorders specific to fetus and newborn	2	-	-	1	-	1	-	-
P75-P78	Digestive system disorders of fetus and newborn	-	-	-	-	-	-	-	-
P80-P83	Conditions involving the integument and temperature regulation of fetus and newborn	6	1	4	-	-	-	-	1
P90-P96	Other disorders in the perinatal period	57	32	14	5	-	2	-	4
Q00-Q99	Congenital malformations, deformations and chromosomal abnormalities	49	15	12	6	6	3	1	6
	of which:								
Q00-Q07	Other congenital malformations of the nervous system	13	5	4	-	1	2	1	-
Q10-Q18	Congenital malformations of eye, ear, face and neck	1	-	1	-	-	-	-	-
Q20-Q28	Congenital malformations of the circulatory system	3	-	1	1	-	-	-	1
Q30-Q34	Congenital malformations of the respiratory system	-	-	-	-	-	-	-	-
Q35-Q37	Cleft lip and cleft palate	-	-	-	-	-	-	-	-
Q38-Q45	Other congenital malformations of the digestive system	1	1	-	-	-	-	-	-
Q50-Q56	Congenital malformations of genital organs	-	-	-	-	-	-	-	-
Q60-Q64	Congenital malformations of the urinary system	2	1	1	-	-	-	-	-
Q65-Q79	Congenital malformations and deformations of the musculoskeletal system	3	-	2	1	-	-	-	-
Q80-Q89	Other congenital malformations	3	1	2	-	-	-	-	-
Q90-Q99	Chromosomal abnormalities, not elsewhere classified	23	7	1	4	5	1	-	5

**Table 4.15 Stillbirths in 2007, classified by cause and age of mother at maternity**

ICD-10 codes	Cause of death	Age of mother at maternity							
		Total	Under 20	20-24	25-29	30-34	35-39	40 & over	Not stated
<b>A00-Y89</b>	<b>All causes</b>	<b>317</b>	<b>12</b>	<b>41</b>	<b>59</b>	<b>89</b>	<b>80</b>	<b>20</b>	<b>16</b>
P00-P96	Certain conditions originating in the perinatal period	268	8	37	46	77	69	16	15
	<i>of which:</i>								
P00-P04	Foetus or newborn affected by maternal factors and by complications of pregnancy, labour and delivery	91	1	11	14	21	27	5	12
P05-P08	Disorders related to length of gestation and fetal growth	97	7	12	15	26	28	7	2
P10-P15	Birth Trauma	1	-	-	-	1	-	-	-
P20-P29	Respiratory and cardiovascular disorders specific to the perinatal period	9	-	2	5	2	-	-	-
P35-P39	Infections specific to the perinatal period	3	-	-	-	2	1	-	-
P50-P61	Haemorrhagic and haematological disorders of fetus and newborn	2	-	-	-	1	1	-	-
P70-P74	Transitory endocrine and metabolic disorders specific to fetus and newborn	2	-	-	-	-	1	1	-
P75-P78	Digestive system disorders of fetus and newborn	-	-	-	-	-	-	-	-
P80-P83	Conditions involving the integument and temperature regulation of fetus and newborn	6	-	1	1	2	1	1	-
P90-P96	Other disorders in the perinatal period	57	-	11	11	22	10	2	1
Q00-Q99	Congenital malformations, deformations and chromosomal abnormalities	49	4	4	13	12	11	4	1
	<i>of which:</i>								
Q00-Q07	Other congenital malformations of the nervous system	13	1	-	3	7	2	-	-
Q10-Q18	Congenital malformations of eye, ear, face and neck	1	-	-	-	-	1	-	-
Q20-Q28	Congenital malformations of the circulatory system	3	-	1	1	-	-	-	1
Q30-Q34	Congenital malformations of the respiratory system	-	-	-	-	-	-	-	-
Q35-Q37	Cleft lip and cleft palate	-	-	-	-	-	-	-	-
Q38-Q45	Other congenital malformations of the digestive system	1	-	-	-	1	-	-	-
Q50-Q56	Congenital malformations of genital organs	-	-	-	-	-	-	-	-
Q60-Q64	Congenital malformations of the urinary system	2	-	-	1	-	1	-	-
Q65-Q79	Congenital malformations and deformations of the musculoskeletal system	3	-	1	1	1	-	-	-
Q80-Q89	Other congenital malformations	3	1	-	1	-	1	-	-
Q90-Q99	Chromosomal abnormalities, not elsewhere classified	23	2	2	6	3	6	4	-

**Table 4.16 Stillbirths in 2007, classified by cause and weight**

ICD-10 codes	Cause of death	Weight				
		Total	Under 1000g	1000-1499g	1500-2499g	2500g & over
<b>A00-Y89</b>	<b>All causes</b>	<b>317</b>	<b>96</b>	<b>40</b>	<b>65</b>	<b>116</b>
P00-P96	Certain conditions originating in the perinatal period	268	83	32	50	103
	<i>of which:</i>					
P00-P04	Foetus or newborn affected by maternal factors and by complications of pregnancy, labour and delivery	91	28	8	14	41
P05-P08	Disorders related to length of gestation and fetal growth	97	41	19	29	8
P10-P15	Birth Trauma	1	-	1	-	-
P20-P29	Respiratory and cardiovascular disorders specific to the perinatal period	9	5	1	1	2
P35-P39	Infections specific to the perinatal period	3	-	-	1	2
P50-P61	Haemorrhagic and haematological disorders of fetus and newborn	2	1	-	-	1
P70-P74	Transitory endocrine and metabolic disorders specific to fetus and newborn	2	-	-	-	2
P75-P78	Digestive system disorders of fetus and newborn	-	-	-	-	-
P80-P83	Conditions involving the integument and temperature regulation of fetus and newborn	6	2	-	3	1
P90-P96	Other disorders in the perinatal period	57	6	3	2	46
Q00-Q99	Congenital malformations, deformations and chromosomal abnormalities	49	13	8	15	13
	<i>of which:</i>					
Q00-Q07	Other congenital malformations of the nervous system	13	3	1	5	4
Q10-Q18	Congenital malformations of eye, ear, face and neck	1	1	-	-	-
Q20-Q28	Congenital malformations of the circulatory system	3	-	1	1	1
Q30-Q34	Congenital malformations of the respiratory system	-	-	-	-	-
Q35-Q37	Cleft lip and cleft palate	-	-	-	-	-
Q38-Q45	Other congenital malformations of the digestive system	1	-	-	1	-
Q50-Q56	Congenital malformations of genital organs	-	-	-	-	-
Q60-Q64	Congenital malformations of the urinary system	2	-	-	1	1
Q65-Q79	Congenital malformations and deformations of the musculoskeletal system	3	1	-	1	1
Q80-Q89	Other congenital malformations	3	1	1	1	-
Q90-Q99	Chromosomal abnormalities, not elsewhere classified	23	7	5	5	6

# Appendix

**Table A Deaths which were registered on the authority\* of the Superintendent Registrars in 2007, classified by underlying cause of death, sex and age-group**

ICD 10 code	Underlying cause of death	Sex	Age at death																				All ages
			0-0	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70-74	75-79	80-84	85 & over		
A00-Y89	All causes	M	12	3	2	2	25	21	14	14	16	19	19	22	17	19	24	29	53	57	57	425	
		F	8	1	1	-	7	5	4	6	4	4	8	10	11	5	23	20	37	55	96	305	
A00-B99	I Infectious and parasitic diseases	M	-	-	-	-	-	-	-	-	-	1	-	-	-	2	-	-	-	1	-	4	
		F	-	-	-	-	-	-	-	-	1	-	-	1	-	-	-	-	-	-	1	3	
C00-D48	II Neoplasms	M	-	1	-	-	-	-	-	-	-	-	1	1	3	3	3	6	7	12	10	47	
		F	-	-	1	-	-	-	-	1	-	-	1	3	3	1	5	9	8	5	11	48	
D50-D89	III Diseases of the blood and bloodforming organs and certain disorders involving the immune mechanism	M	-	1	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	2	
		F	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	1	
E00-E90	IV Endocrine, nutritional and metabolic diseases	M	-	-	-	-	-	-	-	-	1	-	-	1	-	-	-	-	1	-	1	4	
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	3	7	
F00-F99	V Mental and behavioural disorders	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	-	1	3	
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	1	3	
G00-G99	VI Diseases of the nervous system	M	-	1	-	-	2	-	-	-	-	-	-	-	-	-	-	1	-	-	1	5	
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	1	2	4	9	
H00-H59	VII Diseases of the eye and adnexa	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
H60-H95	VIII Diseases of the ear and mastoid process	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
I00-I99	IX Diseases of the circulatory system	M	-	-	1	-	-	-	-	2	1	-	3	3	4	8	11	13	23	22	28	119	
		F	-	-	-	-	-	-	-	1	-	-	2	-	3	-	11	5	19	31	43	115	
J00-J99	X Diseases of the respiratory system	M	-	-	-	-	-	1	-	1	-	-	-	-	1	-	2	2	7	9	9	32	
		F	-	-	-	-	-	-	-	-	-	-	-	-	1	1	-	3	5	7	16	33	
K00-K93	XI Diseases of the digestive system	M	-	-	-	-	-	-	-	1	-	-	-	2	1	-	-	-	2	2	-	8	
		F	-	-	-	-	-	-	1	-	-	-	-	-	-	1	-	-	-	1	1	4	
L00-L99	XII Diseases of the skin and subcutaneous tissue	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
M00-M99	XIII Diseases of musculoskeletal system and connective tissue	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	1	2	
		F	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	1	-	1	3	
N00-N99	XIV Diseases of genitourinary system	M	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	1	2	-	4	
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	3	
O00-O99	XV Complications of pregnancy, childbirth and puerperium	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
P00-P96	XVI Certain conditions originating in the perinatal period	M	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5	
		F	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	
Q00-Q99	XVII Congenital malformations and chromosomal abnormalities	M	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	
		F	2	1	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	4	
R00-R99	XVIII Symptoms, signs, abnormal findings, ill-defined causes	M	-	-	-	-	1	-	-	-	1	1	1	1	1	-	-	-	3	4	4	17	
		F	3	-	-	-	-	-	-	-	-	1	1	-	-	1	-	-	-	2	8	16	
V01-Y89	XX External causes of injury and poisoning	M	3	-	1	2	22	20	13	10	13	17	14	14	7	5	8	5	8	5	2	169	
		F	-	-	-	-	7	5	3	3	3	3	3	6	3	1	5	3	2	2	4	53	

\* See definition on page 8 - "issue of authority of the Superintendent Registrars"



**Table B Deaths which were registered on the authority\* of the Superintendent Registrars in 2007, classified by principal groups of causes, sex and year of occurrence**

ICD 10 code	Underlying cause of death	Sex	Age at death										Total
			2005	2004	2003	2002	2001	2000	1999	1998	1997	1996 & earlier	
<b>A00-Y89</b>	<b>All causes</b>	<b>M</b>	<b>210</b>	<b>51</b>	<b>22</b>	<b>11</b>	<b>6</b>	<b>13</b>	<b>11</b>	<b>6</b>	<b>3</b>	<b>92</b>	<b>425</b>
		<b>F</b>	<b>108</b>	<b>46</b>	<b>19</b>	<b>12</b>	<b>12</b>	<b>23</b>	<b>7</b>	<b>8</b>	<b>4</b>	<b>66</b>	<b>305</b>
A00-B99	I Infectious and parasitic diseases	M	2	1	-	-	-	-	-	-	-	1	4
		F	2	-	-	-	-	-	-	-	-	1	3
C00-D48	II Neoplasms	M	11	7	3	1	3	3	4	2	1	12	47
		F	9	11	-	1	2	2	2	5	2	14	48
D50-D89	III Diseases of the blood and bloodforming organs and certain disorders involving the immune mechanism	M	1	1	-	-	-	-	-	-	-	0	2
		F	-	1	-	-	-	-	-	-	-	0	1
E00-E90	IV Endocrine, nutritional and metabolic diseases	M	2	1	-	-	-	1	-	-	-	0	4
		F	1	1	-	2	1	1	-	-	-	1	7
F00-F99	V Mental and behavioural disorders	M	1	1	-	-	-	-	-	-	-	1	3
		F	1	-	1	-	-	-	-	1	-	0	3
G00-G99	VI Diseases of the nervous system	M	2	-	-	-	-	-	1	-	-	2	5
		F	3	1	-	-	-	4	-	-	-	1	9
H00-H59	VII Diseases of the eye and adnexa	M	-	-	-	-	-	-	-	-	-	0	-
		F	-	-	-	-	-	-	-	-	-	0	-
H60-H95	VIII Diseases of the ear and mastoid process	M	-	-	-	-	-	-	-	-	-	0	-
		F	-	-	-	-	-	-	-	-	-	0	-
I00-I99	IX Diseases of the circulatory system	M	38	12	6	4	1	7	4	3	1	43	119
		F	30	20	8	7	6	10	3	2	1	28	115
J00-J99	X Diseases of the respiratory system	M	15	3	4	2	-	-	-	1	-	7	32
		F	8	6	5	1	2	3	1	-	1	6	33
K00-K93	XI Diseases of the digestive system	M	8	-	-	-	-	-	-	-	-	0	8
		F	2	-	1	-	1	-	-	-	-	0	4
L00-L99	XII Diseases of the skin and subcutaneous tissue	M	-	-	-	-	-	-	-	-	-	0	-
		F	-	-	-	-	-	-	-	-	-	0	-
M00-M99	XIII Diseases of musculoskeletal system and connective tissue	M	-	-	-	-	-	-	-	-	1	1	2
		F	-	1	-	-	-	-	1	-	-	1	3
N00-N99	XIV Diseases of genitourinary system	M	-	1	-	-	-	1	-	-	-	2	4
		F	3	-	-	-	-	-	-	-	-	0	3
O00-O99	XV Complications of pregnancy, childbirth and puerperium	M	-	-	-	-	-	-	-	-	-	0	-
		F	-	-	-	-	-	-	-	-	-	0	-
P00-P96	XVI Certain conditions originating in the perinatal period	M	-	1	-	-	-	-	-	-	-	4	5
		F	-	-	2	-	-	-	-	-	-	1	3
Q00-Q99	XVII Congenital malformations and chromosomal abnormalities	M	2	-	1	-	-	-	-	-	-	1	4
		F	2	-	-	-	-	-	-	-	-	2	4
R00-R99	XVIII Symptoms, signs, abnormal findings, ill-defined causes	M	5	1	-	1	-	-	1	-	-	9	17
		F	4	-	1	1	-	1	-	-	-	9	16
V01-Y89	XX External causes of injury and poisoning	M	123	22	8	3	2	1	1	-	-	9	169
		F	43	5	1	-	-	2	-	-	-	2	53

\* See definition on page 8 - "issue of authority of the Superintendent Registrars"

**Table C Deaths from accidents, poisoning and violence, which were registered on the authority\* of the Superintendent Registrars in 2007, classified by sex and age-group**

ICD 10 code	Underlying cause of death	Sex	Age at death																			
			0	1-	5-	10-	15-	20-	25-	30-	35-	40-	45-	50-	55-	60-	65-	70-	75-	80-	85 &	All ages
			0	4	9	14	19	24	29	34	39	44	49	54	59	64	69	74	79	84	over	
V01-Y89	XX External causes of injury and poisoning	M	3	-	1	2	22	20	13	10	13	17	14	14	7	5	8	5	8	5	2	169
		F	-	-	-	-	7	5	3	3	3	3	3	6	3	1	5	3	2	2	4	53
V01-X59	Accidents	M	-	-	1	2	17	13	8	5	6	7	8	10	1	4	3	5	8	1	2	101
		F	-	-	-	-	5	2	1	-	2	1	2	4	2	-	4	-	1	2	2	28
X60-X84	Intentional self-harm	M	-	-	-	-	3	4	3	3	2	6	2	2	2	1	3	-	-	1	-	32
		F	-	-	-	-	1	2	1	1	1	1	1	2	-	1	1	1	-	-	-	13
X85-Y09	Assault	M	-	-	-	-	-	1	2	1	5	3	2	1	1	-	-	-	-	1	-	17
		F	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-	-	-	-	1	3
Y10-Y34	Events of undetermined intent	M	1	-	-	-	2	2	-	-	-	1	2	1	3	-	1	-	-	1	-	14
		F	-	-	-	-	-	-	1	1	-	1	-	-	-	-	-	-	-	-	1	4
Y40-Y89	All other external causes	M	2	-	-	-	-	-	-	1	-	-	-	-	-	-	1	-	-	1	-	5
		F	-	-	-	-	-	-	-	1	-	-	-	-	1	-	-	2	1	-	-	5

\* See definition on page 8 - "issue of authority of the Superintendent Registrars"

**Table D Deaths from accidents, poisoning and violence, which were registered on the authority\* of the Superintendent Registrars in 2007, classified by sex and year of occurrence**

ICD 10 code	Underlying cause of death	Sex	Age at death								1998 & earlier	Total
			2005	2004	2003	2002	2001	2000	1999			
V01-Y89	XX External causes of injury and poisoning	M	123	22	8	3	2	1	1	9	169	
		F	43	5	1	-	-	2	-	2	53	
V01-X59	Accidents	M	74	13	5	1	1	-	-	7	101	
		F	21	3	1	-	-	2	-	1	28	
X60-X84	Intentional self-harm	M	29	3	-	-	-	-	-	0	32	
		F	12	1	-	-	-	-	-	0	13	
X85-Y09	Assault	M	8	2	2	2	-	1	1	1	17	
		F	1	1	-	-	-	-	-	1	3	
Y10-Y34	Events of undetermined intent	M	11	2	-	-	-	-	-	1	14	
		F	4	-	-	-	-	-	-	0	4	
Y40-Y89	All other external causes	M	1	2	1	-	1	-	-	0	5	
		F	5	-	-	-	-	-	-	0	5	

\* See definition on page 8 - "issue of authority of the Superintendent Registrars"

## Glossary of terms

### **NUTS III Regional Authority areas**

Border, Midland, West, Dublin, Mid-East, Mid-West, South-East, South-West

Border:	Cavan, Donegal, Leitrim, Louth, Monaghan, Sligo.
Midland:	Laois, Longford, Offaly, Westmeath.
West:	Galway City, Galway County, Mayo, Roscommon.
Dublin:	Dublin City, South Dublin, Fingal, Dun Laoghaire-Rathdown.
Mid-East:	Kildare, Meath, Wicklow.
Mid-West:	Clare, Limerick City, Limerick County, North Tipperary.
South-East:	Carlow, Kilkenny, South Tipperary, Waterford City, Waterford County, Wexford.
South-West:	Cork City, Cork County, Kerry.

### **EU-15 and EU-27 countries**

#### **EU-15**

Austria, Belgium, Denmark, Finland, France, Germany, Greece, Ireland, Italy, Luxembourg, the Netherlands, Portugal, Spain, Sweden and the United Kingdom.

#### **EU-27**

EU-15 plus Cyprus, Czech Republic, Estonia, Hungary, Latvia, Lithuania, Malta, Poland, Slovakia, Slovenia, Bulgaria and Romania.